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REPORT ON
 GRID GEOCHEMICAL SURVEY
 OF
 BIO PROPERTY
 OMINECA MINING DIVISION
 NTS 93K/16W
 Lat.: 54° 51' N. Long.: 124° 20' W.
 BY
 Uwe Schmidt, B.Sc., F.G.A.C.

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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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REPORT ON
GRID GEOCHEMICAL SURVEY
OF
BIO PROPERTY
OMINECA MINING DIVISION

NTS 93K/16W, 16E

Lat.: $54^{\circ} 51' 32''$ N. Long.: $124^{\circ} 20' 18''$ W.

FOR

Operator: BIG VALLEY RESOURCES INC.

BY

Uwe Schmidt, B.Sc., F.G.A.C.

NORTHWEST GEOLOGICAL CONSULTING LTD.

DEC. 9, 1987

Owner(s): U. Schmidt
A.D. Halleran

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Fig.

Scale

BIO 6 GRID

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9d	Contoured Zn Geochemistry	1:2,500	in pocket

1. SUMMARY AND RECOMMENDATIONS

The Bio property is located in the Omineca Mining division, 50 km north of Fort St. James, B.C.

The claims cover the flanks of an aeromagnetic high and a geologic setting which is similar to Noranda's Tas gold discovery, located 3km north of the Bio property.

Previous work in the area has been the diamond drilling of three airborne EM-conductors. One of these, in the centre of the Bio property is a copper showing which is presently held by Noranda.

In July and August, 1987 Northwest Geological Consulting Ltd. carried out a grid soil sampling program in 5 areas of the Bio property, on behalf of Big Valley Resources Inc. Three areas were outlined which merit further work. In addition, fill-in sampling, the extension of grid sampling over the entire property and geological mapping are recommended.

The Tug grid should be extended westward to cover the site of a previously identified EM conductor. Ground VLF-EM and magnetometer surveys over the grid are also recommended.

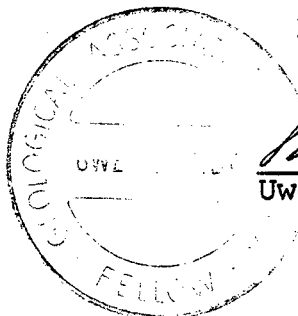
Bio 3 grid also covers a previously identified EM conductor. Similar surveys are recommended on this grid to determine if there is a conductor associated with geochemical anomalies.

A trenching program is recommended for the northern gold anomaly on the Bob Grid. Grid sampling should also be extended westward to join up with the Bio 2 grid. A magnetic survey of the Bob grid may be useful as a mapping tool.

The Bio 2 grid base metal and gold anomalies require additional fill-in sample lines spaced at 100 metres with a 50 metre sample spacing. Geological mapping of the area is also recommended before a follow-up program is carried out on the presently defined anomalies.

Grid mapping and examination of the main copper-silver anomalies are recommended on the Bio 6 grid.

Respectfully submitted,



Uwe Schmidt
Uwe Schmidt, B.Sc., F.G.A.C.

2. INTRODUCTION

In August, 1986, Northwest Geological Consulting Limited began staking the Bio property which is located north of Ft. St. James, B.C. The claims cover the perimeter of an aeromagnetic anomaly which is caused by a magnetite and chalcopyrite bearing intrusion. This area was first explored for porphyry copper mineralization in 1968 and 1969. The impetus for restaking this target is the recent, significant gold discovery made by Noranda on a similar aeromagnetic high, located only 500 metres north of the property. The centre of the magnetic high and associated copper showing within the Bio property was restaked earlier by Noranda as a gold exploration target.

In January, 1987, Big Valley Resources Inc. optioned the Bio property and commissioned Northwest Geological Consulting Ltd. to carry out an exploration program on the property. This program was carried out during the period from July 9 to Sept. 19, 1987.

The field crew was headed by geologist W.H. Halleran. He was assisted by geologist A.A. Halleran and field assistants R. Chan, L. Halleran, J. Lambert, S. Sather and S. Williams. The writer acted as project manager and also examined the property at intervals during the same period.

A program of line-cutting, and grid soil sampling was completed over 5 selected areas of the property. In total 1,660 soil samples were collected.

This report summarizes the work carried out to date.

3. PROPERTY, LOCATION AND ACCESS

The Bio property consists of 8 mineral and 6 two-post claims totalling 150 units and having an area of 3,600 hectares (8,895 acres). The claims are located 50 km. north of Ft. St. James, B.C. in the Omineca Mining Division. The claims were staked by Northwest Geological Consulting Ltd. and A.D. Halleran, during the period from August 1986 to June 1987.

The property is located on NTS map sheet 93K/16W and the geographic coordinates of the approximate centre of the property are 54° 51' N. latitude and 124° 20' W. longitude.

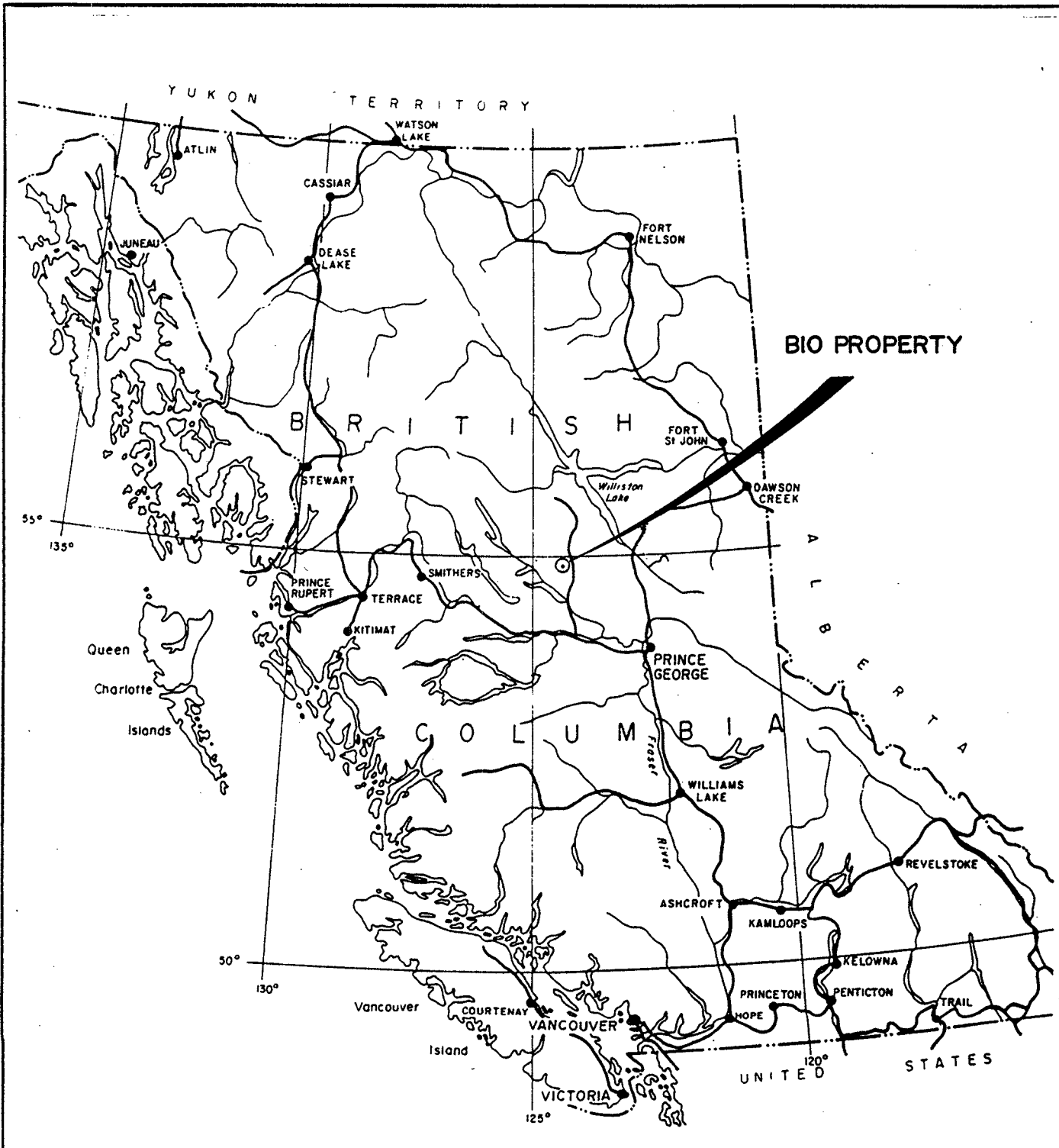
The details of the claims are as follows:

CLAIM NAME	NO.OF UNITS	RECORD NO.	RECORDING DATE
BIO 1	20	7706	SEPT. 15/86
BIO 2	20	7707	SEPT. 15/86
BIO 3	20	7708	SEPT. 15/86
BIO 4	9	7709	SEPT. 15/86
BIO 5	20	8146	FEB. 16/87
BIO 6	20	8464	JUN. 16/87
BOB 1	15	7942	SEPT. 26/86
TUG 1	20	8074	NOV. 5/86
MUT 1-6	6	8080- 8085	DEC. 1/86*

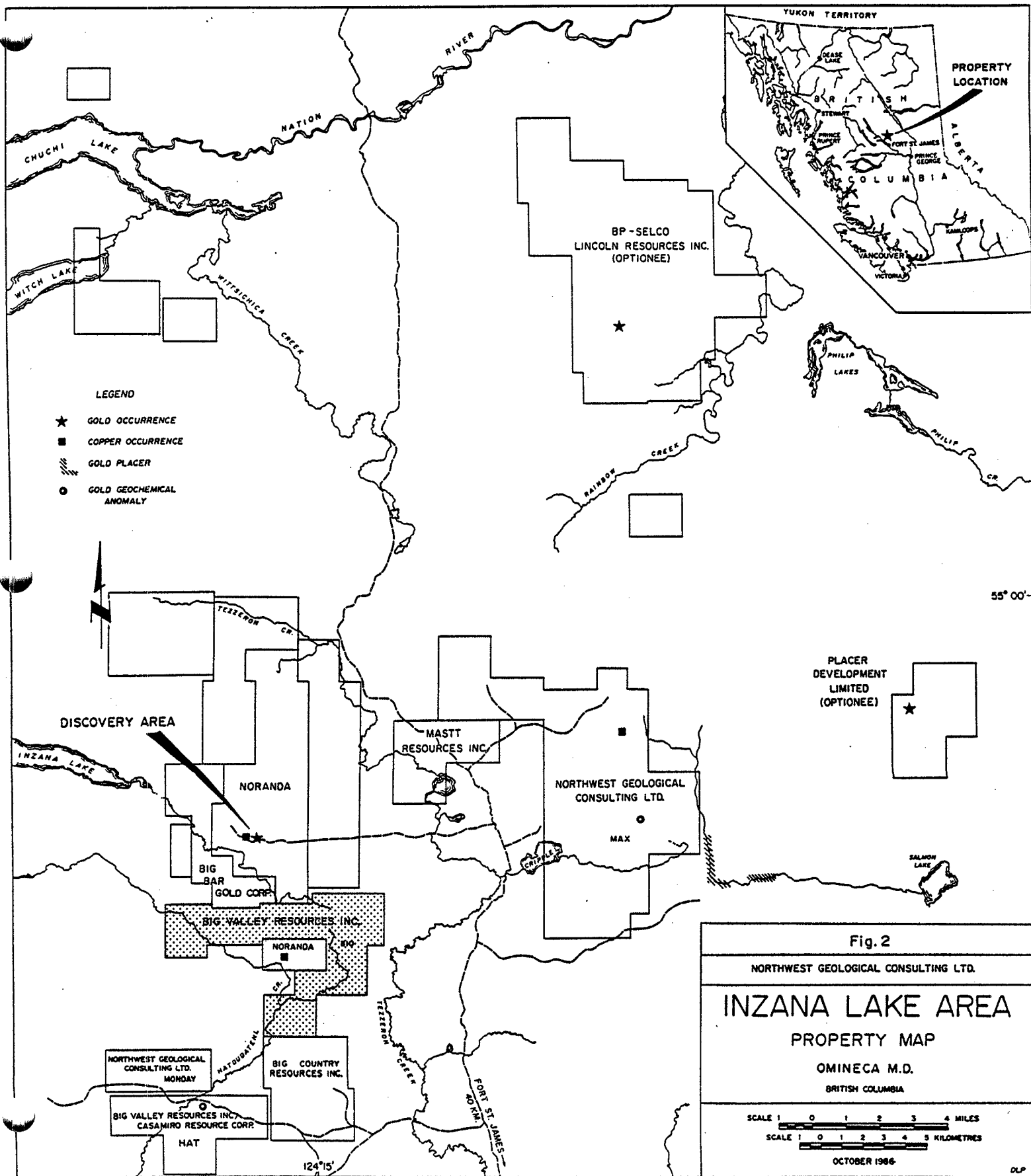
 Total 150 Units
 Net Total 144 Units. *consolidated with B10 2

The claims are registered in the names of U. Schmidt and A.D. Halleran. Big Valley Resources Inc. has an option to acquire a 100% interest in the claims.

The Mut 1-6 claims were staked to cover a group of 6 two-post claims which expired after the staking of the Bio 2 claim. The



BIG VALLEY RESOURCES INC.			
LOCATION BIO CLAIM GROUP			
Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Fig. No.
1:7000000	Dec. 87	93K/16	1



- LEGEND**
- ★ GOLD OCCURRENCE
 - COPPER OCCURRENCE
 - 〰️ GOLD PLACER
 - GOLD GEOCHEMICAL ANOMALY

DISCOVERY AREA

Fig. 2

NORTHWEST GEOLOGICAL CONSULTING LTD.

INZANA LAKE AREA

PROPERTY MAP

OMINECA M.D.

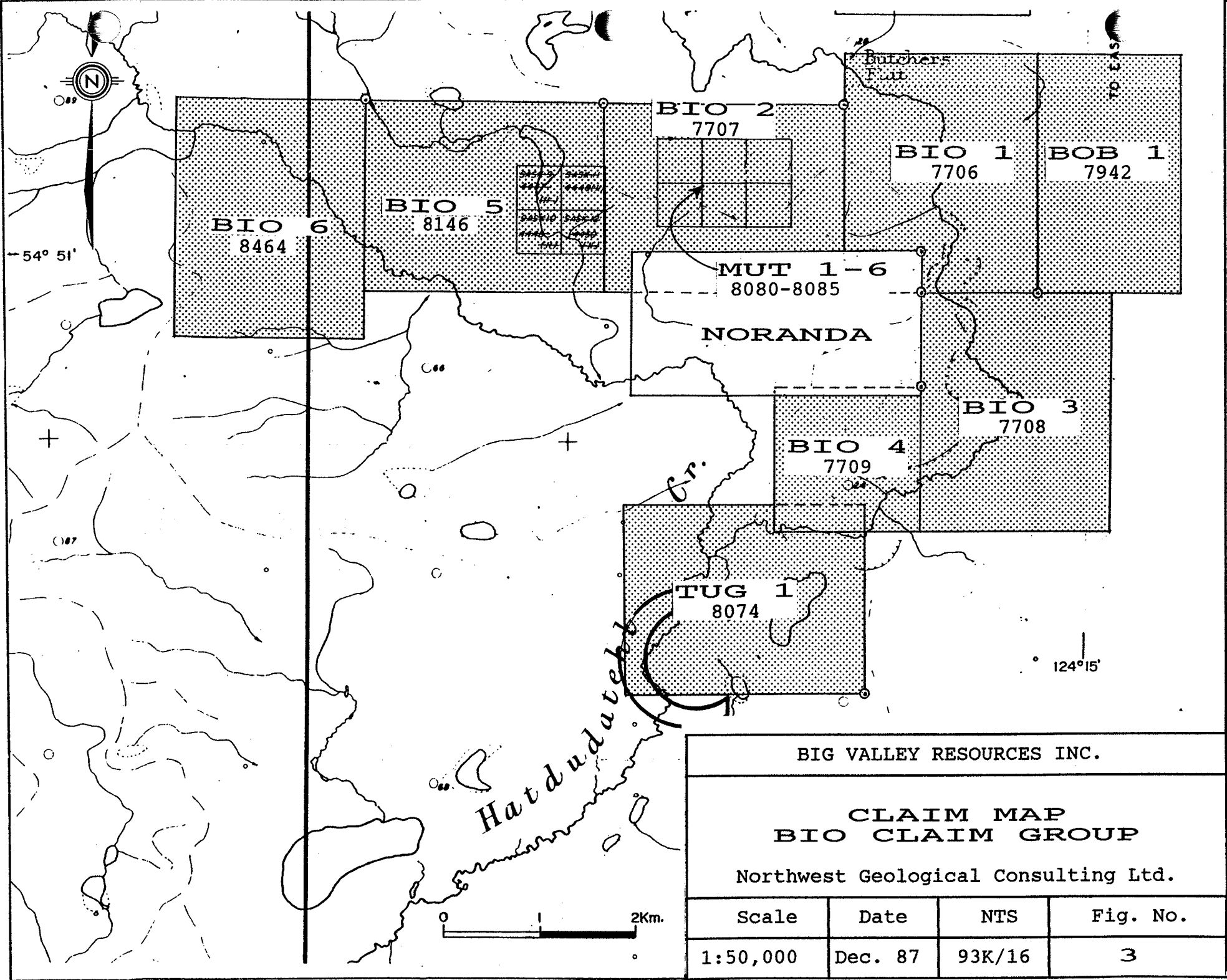
BRITISH COLUMBIA

SCALE 1 0 1 2 3 4 MILES

SCALE 1 0 1 2 3 4 5 KILOMETRES

OCTOBER 1986

DLP

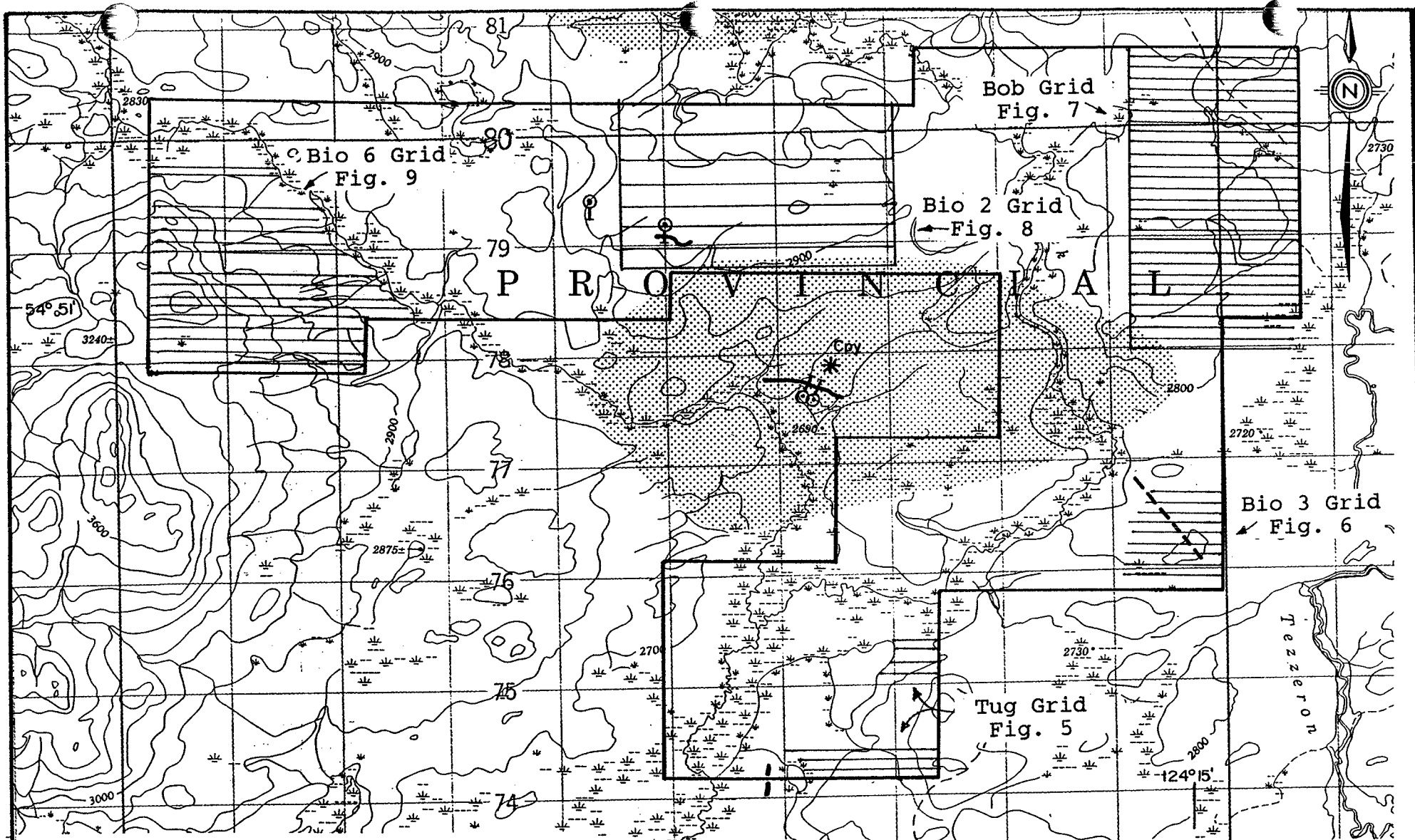


BIG VALLEY RESOURCES INC.






**CLAIM MAP
BIO CLAIM GROUP**

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:50,000	Dec. 87	93K/16	3



LEGEND

-  Diamond Drill Hole
-  EM Conductor
-  Untested Airborne EM Conductor
-  Regional Magnetic Anomaly >4000x
-  4 x 4 Road

BIG VALLEY RESOURCES INC.

**GRID LOCATIONS
BIO CLAIM GROUP**

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:50,000	Dec. 87	93K/16	4

Mut 1-6 claims have now been consolidated into the Bio 2 claim under Section 17 of the "Mineral Act."

The Bio 6 claim was originally staked in February of 1987 but was subsequently abandoned and restaked in June 1987 to improve the claims' location lines.

The post consolidation property area is 144 units or 3,600 hectares (8895 acres).

The claim locations shown on fig. 3 are those determined by the writer based on field locations.

Road access to the property is provided via the Germansen road from Fort St. James and two major branch logging roads which pass to the north and south of the property. Subsidiary logging roads from the Germansen-Hat Lake Forestry Road approach the southeast corner of TUG 1 claim. A second, subsidiary road, farther west, approaches the Bio 6 claim to within 3 km.

The northern property boundary is accessible via subsidiary roads from the Inzana-Main Forestry Road. One of these crosses into the northern half of the Bob 1 claim. A second road provides access to the northwest corner of the Bio 1 claim.

4. PHYSIOGRAPHY

The property is located near the northern boundary of the Fraser Basin, a sub-division of the Interior Plateau. On a large scale the Fraser Basin is characterized by low relief with flat to rolling surfaces which for the most part lie below elevation of 900 m. Few bedrock exposures occur in these predominantly drift covered areas. Glacial ice moved in a northeasterly direction in

the vicinity of the property.

Elevations on the property range from 800 to 1036 metres. Bed rock exposure is variable. Outcrop is generally limited to road cuts and certain areas along ridge tops.

A typical field season lasts from early June to late October.

5. HISTORY

The earliest record of staking in the vicinity of the Bio property is the Hat claim group, staked in 1968. The 40 claim Hat Group was staked by N.B.C. syndicate over outcrops of basic intrusive rock and associated pyrite and chalcopyrite mineralization. The mineralization was discovered by prospecting aeromagnetic highs, outlined by government survey maps. This discovery is presently held by Noranda Exploration Company and is situated over the magnetic anomaly peak, in the centre of the Bio claim group. N.B.C. Syndicate carried out a magnetometer and horizontal loop EM survey on the property in 1968. In 1969, two diamond drill holes were drilled on an EM conductor.

One drill hole was completed to a target depth of 302 ft. The second hole was abandoned at 90 feet because of drilling difficulties. Argillaceous metasedimentary rocks of the Takla Group were encountered and the first hole ended in hornblende diorite. The magnetic anomaly was attributed to this intrusion and the EM conductor was interpreted to be caused by veinlets and disseminations of pyrite. Drill core and surface exposures of the diorite displayed "fairly extensive epidote alteration."

In late 1981 and early 1982, Peter E. Walcott and Associates Limited carried out a ground geophysical follow up survey on airborne geophysical anomalies for Selco Inc. Two of the properties surveyed, are now within the Bio property. The former Sask 9-12 claims are located within the Bio 5 claim. The former Sask 13-18 lie within the Bio 2 claim and were restaked as the MUT 1-6 because the Bio claims predate the expiry of the Sask claims. A third claim, Sask 42, was located in the northeast corner of Bio 3. However it is not clear in Walcott's report whether geophysical surveys were carried out on this property. There is no record of diamond drilling on Sask 42.

Sask 9-12 (Bio 5)

Line cutting, 4.8 km of horizontal loop E M and 5.3 km of magnetometer survey were carried out on this claim group. The surveys yielded flat magnetic response and low conductivity. One diamond drill hole was drilled on the grid in 1982. This hole was abandoned at 68.6 m in graphitic sand. The hole encountered alkaline intrusive, volcanoclastic rocks and argillite, before ending in "black sand". A 2 metre length sample of this material returned 130 PPB Au and 3.5 PPM Ag. This is the highest gold analysis obtained in all 6 drilled targets.

Sask 13-18 (Bio 2, Mut 1-6)

Line cutting, 8.8 km of E M and 10.0 km of magnetic surveying were completed on this property. One diamond drill hole tested a moderate to poor conductor in 1982. This hole was completed to a depth of 91.3 m. The conductivity was attributed to a 5% pyrite plus pyrrhotite bearing chert. Shale, basic

volcanics, argillite, carbonate and sulphide bearing chert were encountered. Geochemical analyses of the core returned less than 15 PPB Au. and 2.0 PPM Ag.

In. 1984, A.D. Halleran and A.A. Halleran discovered a gold bearing copper showing north of the Bio property. The showing was staked as the Tas property and later optioned by Noranda Exploration Company Limited. During 1985 and 1986 Noranda completed geological mapping, geochemical soil sampling, induced polarization and magnetometer surveys. A small program of trenching and limited pionjar overburden sampling were also completed. Work to date by Noranda has outlined a very promising 10 metre wide, shear/contact zone which contains visible gold and assays up to 55 gm./T Au. High soil geochemical gold anomalies were outlined in 1986 and an additional gold zone was discovered by hand trenching.

The Bio property was staked by Northwest Geological Consulting Ltd. in partnership with A.D. and A.A. Halleran during the period from August, 1986 to June, 1987. The area was chosen because of its similarity to the Tas discovery.

The Tas aeromagnetic anomaly is located 500 metres north of the northern Bio property boundary. The discovery showing is located 3 km north of this boundary.

6. REGIONAL GEOLOGY

The property is underlain by Upper Triassic to Lower Jurassic metasedimentary and volcanic rocks of the Takla Group. These lithologies lie within Quesnel Trough, a sub-division of the

Intermontane tectonic belt. This narrow belt of sedimentary and volcanic rocks has been traced southward to beyond the international border. To the south, the lower, Upper Triassic sequences have been assigned to the Nicola Group.

The trough is fault bounded on the west and east. To the west, Quesnel Trough lies in fault contact with Paleozoic rocks of the Pinchi Belt. To the east the boundary between the trough and Intermontane Belt is marked by a major shear zone. Large scale tectonic imbrication and mylonitization on both sides of the zone suggest an eastward thrusting of the Intermontane over the Omineca Belt (REES,1981).

Quesnel Trough was the site of extensive island-arc volcanic and sedimentary deposition from late Triassic to early Jurassic time. The base of Quesnel Trough is an Upper Triassic black argillite unit. This unit is exposed near the eastern margin of the trough where it commonly overlies ophiolitic rocks of the Slide Mountain Group. The basal black argillite is overlain by a series of augite porphyry flows, breccias and minor argillites. These rocks are overlain by a second sequence of argillites and volcanoclastic rocks of Upper Triassic to Lower Jurassic age. Sub-aerial volcanoclastics in the geologic record indicate that volcanic centres in the trough emerged in early Jurassic time. This is postulated to have occurred in conjunction with the rise and deformation of Omineca Crystalline Belt rocks to the east.

Block faulting and tilting are the dominant structural styles in the belt. Faults trend in a northwest and northeast direction. Folding is restricted to the eastern margin of the

belt near its structural boundary with the Omineca Crystalline Belt.

Two major episodes of granitic intrusion are recognized along a northwest trending belt slightly oblique to Quesnel Trough. The intrusive events cluster around 200 and 100 million year ages.

Gold and copper-gold deposits have an affinity for 200 million year old alkalic plutons and Triassic-Jurassic volcanic rocks. Molybdenum deposits on the other hand are associated with the 100 million year intrusive event.

7. PROPERTY GEOLOGY

The property and surrounding area are underlain by the Upper Triassic and later Takla Group (Armstrong, 1948). The Takla group comprises metasedimentary and volcanic rocks. These are intruded by Upper Jurassic or Lower Cretaceous "Omineca Intrusions." A variety of intrusive types, including: granodiorite, diorite, granite, syenite, gabbro and pyroxenite are grouped into this unit. Elsewhere in Quesnel Trough, syenitic intrusions are assigned a Lower Jurassic age and represent intrusive equivalents of late Takla volcanism.

Work by Selco Inc. has identified two sequences of rocks. A lower, calc-alkaline sequence consists of basalt overlain by a thick sequence of black shale, argillite, cherty and graphitic argillite, felsic volcanics and felsic derived sedimentary rocks.

Unconformably overlying this sequence, is a sequence of intercalated alkaline volcanics, locally graphitic shales,

argillites and calcareous to non-calcareous greywacke. The volcanic rocks occur in the lower section while greywacke is formed in the upper sequence (Farmer, 1983). Drill core from the Bio property was assigned to the alkaline section.

Proposed exploration of the Bio property included geological mapping. However, a curtailment of the exploration program by the operator, Big Valley Resources, resulted in limiting the mapping. Geological mapping was begun on the Bob grid but deep overburden in the area prevented the collection of any data.

The geological data on the Bio property is therefore limited to indirect sources of information. Drill holes by Selco Inc., reports by samplers, and indirect geophysical evidence indicates that the Bio property is underlain by the Takla Group. Previous work in the area has shown that the core of the property is intruded by dioritic rocks.

Reports from soil samplers indicates that outcrop of the Takla group occur on the Bio 2 and Bio 6 grids.

8. ECONOMIC GEOLOGY

A common exploration target in Quesnel Trough has been the copper-gold association found in the alkalic porphyry copper environment. The Cariboo-Bell Cu-Au deposit near Likely, is an example of this environment.

Two copper gold occurrences of this type are known within the area. One is the Tas showing, located 3 km north of the property. The second is the Mnt. Milligan property located 33 km north-northeast of the property. In both cases copper

mineralization is associated with alkalic porphyritic intrusions. These syenitic intrusions stand out as magnetic highs on government aeromagnetic maps.

Propylitic alteration zones around alkalic intrusions also provide gold exploration targets for large tonnage, low to moderate grade disseminated gold deposits. This model of deposit is the basis for staking the Bio property around the perimeter of a regional magnetic high.

In Fort St. James area, Noranda discovered a 10 metre wide gold bearing shear/contact zone on the Tas property. Further exploration revealed an additional gold showing and several areas which are gold geochemical targets.

Although the Tas property is a model for possible gold mineralization on the Bio property, there is no public information available on the the geologic setting.

The writer has examined the discovery showing and interprets the showing as a quartz-carbonate vein system developed along a fault zone. The zone's exceptional 10 metre width suggests the possibility that the controlling structure has appreciable length.

The Tas discovery showing contains visible gold and assays up to 55 g/T. Au have been reported by Noranda (Warner, 1986).

9. GEOCHEMISTRY

The aim of geochemical soil sampling program on the Bio property was to outline gold exploration targets in overburden covered areas. Targets for sampling lie around the perimeter of alkalic intrusions which may be sites of gold mineralization

associated with propylitic alteration zones. On the Bio property, a number of these settings were identified and sampled. grid.

Sampling methods included reconnaissance grid and detail grid sampling. Reconnaissance grid lines were run in an east-west direction at a line spacing of 200 metres and a sampling interval of 50 metres.

Detail grid lines were run at a line spacing of 100 metres and sample interval spacing of 50 metres. Most lines were run east-west across the direction of ice movement.

Sample lines are marked with flagging tape. Sample stations are identified by sample number and grid coordinates, marked on "Tivek" tags or flagging tape. Base-lines and cross lines are marked by flagging tape and blazes.

In total 1,660 samples were collected and analyzed. Samples of B horizon soils were collected whenever possible. In a few locations samples could not be taken because swampy conditions.

Samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver. The analysis included: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As and Au. The first 10 elements were analyzed by Inductively Coupled Argon Plasma (ICP) methods and are reported in PPM (Fe in %). Gold was analyzed by Atomic Absorption using a 10 gm sample. Gold results are reported in PPB and have a detection limit of 1 PPB.

Sample certificates are appended to this report.

Analyses are presented at a scale of 1:2500 for 5 map areas. In each case, sample number locations and two 4-element plots are presented. Cu, Zn, Pb and Ag are plotted on figures with an "a"

suffix, while "b" maps are plots of As, Au, Fe and Co.

Contoured versions of the data are presented for 4 of the map areas where anomalous geochemical analyses were encountered. A basic statistical analysis was carried for each element. The contour intervals on each map was chosen individually to suit the data for each map area. The lowest contour represents a "threshold" level which separates background from possibly anomalous and anomalous values.

DISCUSSION

TUG GRID Fig. 5

A total of 111 samples were taken on the Tug Grid. A 1.4 km base line and 6.0 km of cross-lines were established in the southeast corner of the Tug claim. Two isolated gold analyses of 45 and 49 PPB occur on the grid but there appears to be no support from other elements.

Bio 3 Grid Fig. 6

Eight hundred metres of base line and 7.7 km of cross-line were established on the Bio 3 and in the southeast corner of the Bio 3 claims. A total of 159 soil samples were taken on the grid. Two spot anomalies are outlined in Cu, with a peak value of 99 PPM. Two larger anomalies and three spot highs are outlined by zinc over 100 PPM. One of the zinc anomalies coincides with the largest copper anomaly.

This grid was established over the site of northwest trending airborne EM conductor which was outlined in the late 1960's (C. Stephen personal communication). The coincident Cu-Zn anomaly may lie on the conductor axis.

Bob Grid Fig. 7

The Bob Grid was established as the beginning of a systematic soil sampling program along the northern perimeter of the Bio regional magnetic anomaly. A total of 5.6 km of base-line and 35 km of cross-lines were completed with soil samples totalling 592.

There is a large gold anomaly outlined in the northern third of the grid. Two adjacent soil anomalies outline the area over a length of about 1 km and an average width of 400 metres. A base contour of 4 PPB Au was used but there is good continuity in these anomalies over a wide range of gold values. Peaks of 985,760,495 and 450 PPB are attained within this area. Regional backgrounds for gold are 2 PPB or less.

Copper analyses in this area are lower than expected. A base contour of 30 PPB Cu and a contour interval of 30 PPM Cu produced a broad correlation with the gold anomaly.

Zinc contours above 100 PPM and contour intervals of 50 PPM also defined this area of the grid.

There are numerous small gold and base metal anomalies in the southern half of the Bob grid but their priority is low in relation to the northern anomaly. Although the anomaly is open ended to the north it is terminated by an adjacent mineral claim.

Overburden on the Bob grid is estimated to be in order of 10's of metres of glacial till. Overburden thickness may account for the lower than expected Cu and Zn support for the northern gold anomaly. It also suggests the possibility of the anomaly being displaced northeastward of or up ice from the source. Bio 2

Grid Fig. 8

The most significant anomaly outlined on the Bio property lies on the Bio 2 grid. The Bio 2 grid was run at a reconnaissance scale of 50 metre sample intervals along east-west cross-lines spaced 200 metres apart. Base lines total 3.2 km in length and cross-lines total 17.5 km.

A 1.5 km long by 150 to 400 metre wide gold anomaly is outlined by analyses above 4 PPB Au, in the south half of the Bio 2 grid. The anomaly size remains the same up to the 10 PPB contour. Above this value, 25 PPB contours are used to define the anomaly peaks which are 56, 78 and 130 PPB Au. A spot high of 1350 PPB Au occurs 500 metres east of the anomaly along the southernmost sample line. A third elongated anomaly is defined over 400 metres along the eastern base-line.

Copper analyses above 60 PPM define the same trend as the gold anomaly.

Zinc analyses, as expected, produce larger anomalies but follow the gold and copper trends, when contoured at 50 PPM above a 100 PPM threshold.

Iron analyses above 3.00% correlate well with gold and base metal analyses. Iron, zinc and copper also define a coincident anomaly independently of gold, north of the main gold anomaly.

Outcrops occur on the grid, suggesting that the anomaly is close to source. The iron content of the till also suggests that the till cover is shallow. All anomalies are elongated in the regional ice direction.

Bio 6 Grid Fig. 9

The Bio 6 claim was staked to cover in area which lies on the

possible strike extension of the southwest trending discovery zone on the Tas property. The Bio 6 grid was established to test this idea. Twenty-six km of cross-lines and 1.7 km of base-line were cut. Soil samples from the grid totalled 463.

Three clusters of Ag anomalies above 0.6 PPM Ag are outlined. The largest anomaly is 700 by 100 metres in dimensions. This anomaly and others to the southwest may lie on a southwest trending structure which is on strike with the Tas gold discovery zone. Copper anomalies above 60 PPM correlate well with the trend of the silver anomalies. Anomaly peaks range from 200 to 300 PPM Cu.

10. CONCLUSIONS

A grid geochemical sampling program in 5 areas of the Bio property has defined 3 target areas which require additional sampling and trenching.

The best anomaly is located on the Bio 2 grid. Here, a large precious metals anomaly correlates well with base metal anomalies. Reports of outcrop on the grid suggest that this anomaly is close to the source.

A second significant gold anomaly was outlined on the Bob grid. In this area base metal values are lower and overburden is estimated to be 10's of metres thick. These observations suggest that the Bob grid geochemical anomaly has a greater chance of being displaced down ice from the source area than the Bio 2 anomaly.

The third target area defined, is the copper and silver

association outlined on the Bio 6 grid. This area needs to be evaluated for structures which may be the strike extension of the Tas gold discovery zone.

Grid geochemical sampling around the perimeter of alkalic intrusions, defined by regional airborne magnetic anomalies has produced several targets which merit further follow up work. The work to date supports the model that this is a promising environment for precious metals exploration.

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- WARNER, L. (1986): Summary Report, Tas Property, Noranda Exploration Co. Ltd., Unpublished Report
- (1969) Hat group; unpublished drill core descriptions, courtesy, J.C. Stephen Explorations Ltd.

12. SUMMARY OF EXPENDITUREI) FIELD COSTS

* indicates pro rated cost

1) LABOUR

U. Schmidt (Project Manager) July 9,16,27,Aug.20
 Aug.25(1/2),31,Sept. 2,6-11,14,15,18,19
 16 1/2 days at \$300/day.....\$ 4,950.00

W. Halleran (Project Geologist) July 9-18,23,27,
 Aug.20-22,Sept.6-9,15,18-19,26-30
 27 days at \$250/day.....\$ 6,750.00

A. Halleran (Geologist) July 9-17,Aug.20,Sept. 6-9,
 18,19
 16 days at \$200/day.....\$ 3,200.00

R. Chan (Field Assistant) July 9-18,23-26,Aug.18-
 20,22-27,29
 24 days at \$145/day.....\$ 3,480.00

J. Lambert (Field Assistant) Jul.9-18,24,25,
 Aug.18-20,22-26
 20 days at \$145/day.....\$ 2,900.00

S. Sather (Field Assistant) July 9-18,24,25,
 Aug.18-20,22-27,31
 22 days at \$145/day.....\$ 3,190.00

S. Williams (Field Assistant) July 9-18,23-27,
 Aug.18-20,22-27,31
 25 days at \$145/day.....\$ 3,625.00

L. Halleran (Field Assistant) July 9-16,25
 9 days at \$145/day.....\$ 1,305.00

F. Smith (Field Assistant) July 9-18,23
 11 days at \$145/day.....\$ 1,595.00

 \$30,995.00

2) ROOM AND BOARD.....\$ 5,205.11

3) TRANSPORTATION

1 Suburban 4x4 33 days @ \$55/day.....	\$ 1,815.00
1 Chevrolet 4x4 pickup with canopy 21 days @ \$55/day.....	\$ 1,155.00
1 Ford pickup with canopy 6 days @ \$25/day.....	\$ 150.00
Gas.....	\$ 1,674.33
	<u>\$ 4,794.33</u>

4) CONSUMABLES AND FIELD SUPPLIES.....\$ 902.22

5) EQUIPMENT RENTAL.....\$ 3,311.73

6) GEOCHEMICAL ANALYSIS AND ASSAY

1660 soil geochem at \$10.25.....\$17,015.00

II. OFFICE COSTS

1) Data interpretation, plotting and report writing

U. Schmidt (Project Manager) Oct.8,9,10(1/2),11(1/2), 13,19,24(1/2),27,Nov.16,Dec.5,7-9 11 1/2 days at \$300/day.....	\$ 3,450.00
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W. Halleran (Project Geologist) Nov.5-7,13-14 5 days at \$250/day.....	\$ 1,250.00
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A. Halleran (Geologist) Oct.10-12,14-16,25-28,Nov.16 11 days at \$200/day.....	\$ 2,200.00
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2) Map Reproduction & Photocopying & Communication.....	\$ 1,405.38
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TOTAL	<u>\$ 70,558.80</u>
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Bio A GROUPI) FIELD COSTS

* indicates pro rated cost

1) LABOUR.....	*\$14,877.60
2) ROOM AND BOARD.....	*\$ 2,498.45
3) TRANSPORTATION.....	*\$ 2,301.28
4) CONSUMABLES AND FIELD SUPPLIES.....	*\$ 433.07
5) EQUIPMENT RENTAL.....	*\$ 1,604.03
6) GEOCHEMICAL ANALYSIS AND ASSAY	
798 soil geochem at \$10.25.....	\$ 8,179.50

II. OFFICE COSTS

1) Data interpretation, plotting and report writing	
	*\$ 3,312.00
2) Map Reproduction & Photocopying	
& Communication.....	\$ 674.58
	<hr/>
TOTAL	\$ 29,181.08

Bio B GROUP

<u>I) FIELD COSTS</u>	* indicates pro rated cost
1) LABOUR.....	*\$16,117.40
2) ROOM AND BOARD.....	*\$ 2,706.65
3) TRANSPORTATION.....	*\$ 2,493.05
4) CONSUMABLES AND FIELD SUPPLIES.....	*\$ 469.15
5) EQUIPMENT RENTAL.....	*\$ 1,737.70
6) GEOCHEMICAL ANALYSIS AND ASSAY	
862 soil geochem at \$10.25.....	\$ 8,835.50
<u>II. OFFICE COSTS</u>	
1) Data interpretation, plotting and report writing	
	*\$ 3,588.00
2) Map Reproduction & Photocopying	
& Communication.....	\$ 730.84
	<hr/>
TOTAL	\$ 36,678.29

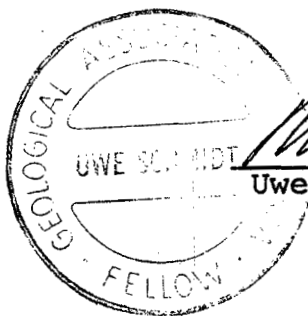
APPENDIX A

STATEMENT OF QUALIFICATIONS

I, Uwe Schmidt, of 656 Foresthill Place, Port Moody, B.C. do hereby declare:

- (1) I am a consulting geologist and controlling shareholder of Northwest Geological Consulting Ltd.
- (2) I am a 1971 graduate of the University of British Columbia with a B.Sc. degree in Geology.
- (3) I am a Fellow of the Geological Association of Canada.
- (4) I have practised my profession continuously since graduation.
- (5) I have managed various mineral exploration projects in the Yukon Territory, B.C., and Ontario over the past 15 years.
- (6) This report is based on my field examination of the property, and a study of available published and unpublished reports.

December 9, 1987
Port Moody, B.C



Uwe Schmidt
Uwe Schmidt, B.Sc., F.G.A.C.

APPENDIX B

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR NG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL -80 MESH AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 10 1987 DATE REPORT MAILED: *Aug 20 1987* ASSAYER: *D. Toy*...DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001782	1	75	12	154	.4	67	11	644	3.73	4	2
001783	1	24	12	162	.2	21	9	581	2.39	2	1
001784	1	19	12	134	.4	34	7	229	2.99	6	1
001785	1	16	9	140	.3	25	8	874	2.14	2	1
001786	1	27	10	136	.2	36	12	1095	2.63	5	1
001787	1	13	7	93	.1	21	6	302	1.81	2	1
001788	1	18	8	84	.4	25	6	241	2.00	3	1
001858	2	49	9	111	.1	61	11	467	3.80	16	3
001860	2	49	20	141	.5	55	15	379	2.88	7	1
001861	1	7	8	42	.3	14	4	154	1.48	2	2
001862	1	10	11	55	.1	19	5	246	2.05	4	1
001863	1	16	11	68	.3	25	6	304	2.06	2	1
001864	1	17	9	81	.3	26	6	247	2.24	11	1
001865	1	23	7	83	.3	33	8	366	2.54	2	1
001866	1	17	9	76	.3	28	6	299	2.14	5	2
001867	1	16	12	93	.1	22	7	336	2.08	5	1
001868	1	28	8	86	.1	32	8	324	2.37	4	1
001869	1	37	13	77	.3	40	9	493	2.78	9	1
001870	2	35	14	82	.5	43	10	500	3.20	9	4
001871	1	27	13	106	.2	34	9	358	2.91	14	1
001872	2	55	15	183	.1	40	20	1090	4.51	4	52
001873	3	45	13	80	.3	41	11	665	3.63	9	2
001874	1	39	10	89	.2	41	12	585	3.04	10	1
001875	1	10	7	69	.1	17	4	155	1.53	4	1
001876	1	16	8	85	.1	30	6	284	2.27	4	1
001877	1	15	12	115	.1	31	6	288	2.27	3	1
001878	1	16	9	79	.2	30	6	244	2.34	8	1
002064	1	52	12	96	.2	45	14	416	3.44	11	1
002065	1	13	10	92	.1	20	6	289	2.06	3	1
002066	1	17	13	119	.1	27	9	344	2.41	7	1
002067	1	12	10	76	.2	21	6	253	2.09	7	9
002068	1	70	19	415	.2	33	22	1569	5.38	31	1
002069	1	25	11	140	.1	36	11	364	2.97	41	1
002070	2	40	13	159	.4	52	12	1524	3.60	149	1
002071	2	32	12	79	.3	37	8	381	2.67	11	4
002072	1	13	9	66	.1	25	8	351	2.18	4	1
STD C/AU-S	19	58	43	131	7.3	70	28	944	3.93	39	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX PPB
002073	2	20	7	97	.1	29	6	195	2.31	9	1
002074	1	17	2	106	.1	26	7	557	2.04	8	1
002075	1	17	6	97	.1	26	8	357	2.11	7	1
002076	3	33	10	78	.3	30	11	402	4.11	22	2
002077	2	43	10	110	.2	43	12	467	3.57	17	9
002078	1	33	12	84	.2	33	9	293	2.48	9	1
002079	1	31	8	63	.1	28	9	380	2.59	11	6
002080	1	36	9	69	.1	33	10	527	2.91	12	5
STD C/AU-S	20	59	40	133	7.6	72	29	997	3.99	40	49
002081	1	16	5	138	.1	24	10	635	2.72	8	1
002082	1	17	5	75	.1	22	7	286	2.60	7	1
002083	1	30	9	69	.1	49	12	480	3.19	10	26
002084	1	21	7	68	.1	30	9	422	2.44	12	1
002085	1	16	6	51	.1	29	8	249	2.52	10	1
002086	1	20	9	54	.1	23	11	316	2.85	11	2
002087	1	28	9	63	.2	29	7	373	2.69	7	1
002088	2	32	8	82	.1	36	11	1445	3.48	13	2
002089	1	36	12	173	.4	33	10	1214	2.99	6	2
002090	2	56	11	107	.1	60	13	662	3.61	15	1
002091	2	17	9	80	.2	30	8	448	2.55	7	1
002092	1	9	6	65	.1	19	5	258	1.78	7	2
002093	1	32	9	122	.1	44	9	507	2.99	11	1
002094	1	17	10	95	.1	32	8	430	2.57	9	1
002182	1	26	9	82	.4	30	6	250	2.16	7	2
002183	1	54	8	118	.3	51	11	642	3.40	8	1
002184	2	41	10	170	.4	50	13	764	3.69	14	1
002185	1	25	5	123	.4	31	7	219	2.18	9	3
002186	1	15	4	71	.4	25	6	277	2.04	8	2
002187	1	21	7	90	.1	31	7	295	2.46	8	1
002188	1	19	8	88	.1	29	6	289	2.32	7	1
002189	1	22	6	92	.1	33	6	256	2.22	5	2
002190	1	14	4	83	.1	22	5	242	1.83	4	1
002191	1	18	8	75	.2	29	6	237	2.05	7	1
002192	1	23	9	88	.1	30	7	271	2.27	5	1
002193	1	33	8	75	.1	36	9	405	2.66	9	3
002194	1	36	10	107	.3	40	8	301	2.39	4	1
002195	1	20	6	66	.1	28	5	214	1.94	6	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002196	1	17	7	86	.1	28	5	209	2.03	4	1
002197	1	18	9	104	.1	31	6	273	2.33	6	1
002198	1	17	8	84	.1	29	6	259	2.25	2	1
002199	1	15	7	103	.1	24	6	337	2.14	2	1
002200	1	12	9	109	.1	22	8	359	2.12	4	2
002251	2	30	9	92	.2	47	8	409	2.69	3	1
002252	1	34	15	132	.5	45	10	576	3.29	6	1
002263	2	25	8	59	.2	39	7	330	2.64	5	1
002264	2	13	7	90	.1	25	6	213	2.04	5	2
002265	1	21	7	107	.3	35	6	290	2.48	6	1
002266	1	12	10	72	.1	23	7	378	1.97	2	1
002267	1	25	6	105	.4	33	8	325	2.48	4	2
002268	1	23	7	84	.2	31	7	327	2.33	5	1
002269	1	23	6	99	.2	31	7	319	2.27	3	1
002270	1	45	8	129	.3	45	9	453	2.84	10	1
002271	2	131	14	172	.8	82	12	695	4.40	17	2
002272	2	114	19	223	1.2	94	12	756	5.29	14	2
STD C/AU-S	20	58	41	131	7.1	68	28	941	4.00	39	48
002273	1	23	14	83	.1	32	8	408	2.53	6	1
002274	1	19	10	118	.3	33	7	323	2.38	8	1
002275	2	20	11	77	.3	28	6	236	2.17	7	2
002276	1	13	8	80	.1	21	5	183	1.79	5	2
002277	1	18	8	142	.4	23	7	224	2.13	5	1
002278	1	25	11	103	.2	36	8	365	2.77	4	1
002279	1	21	8	109	.1	32	8	250	2.56	8	2
002281	1	17	6	125	.1	25	7	579	2.09	8	1
002282	1	23	8	85	.1	33	8	390	2.39	6	1

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002283	1	44	13	105	.4	51	8	316	2.63	8	1
002284	1	9	7	88	.1	12	5	267	1.39	2	1
002285	1	20	10	84	.3	33	7	317	2.26	6	1
002286	1	88	15	185	.7	88	15	1358	4.62	10	2
002288	1	32	13	100	.4	41	8	407	2.38	6	3
002289	1	22	7	80	.4	31	6	249	2.16	4	1
002401	4	106	41	335	2.1	89	18	2224	4.85	20	1
002402	2	51	28	194	.6	22	25	2834	4.88	13	1
002403	3	105	46	219	.3	47	29	1457	8.46	49	5
STD C/AU-S	20	59	40	132	7.3	72	29	1032	3.93	41	53
002404	7	46	25	237	1.4	49	14	2992	7.41	24	2
002405	1	24	15	134	.3	35	10	637	2.69	7	2
002406	1	36	18	111	.5	43	14	752	3.18	12	3
002407	2	43	24	148	.5	39	9	334	4.44	17	1
002408	1	19	13	103	.3	29	8	303	2.50	10	3
002409	1	23	13	91	.7	34	10	381	2.70	10	5
002410	2	133	22	210	1.6	109	18	1113	5.38	22	1
002411	2	35	14	133	.7	45	9	540	3.03	12	2
002412	1	35	14	102	.6	43	8	419	2.74	9	3
002413	2	33	20	91	.2	39	9	365	3.18	20	2
002414	1	21	11	90	.4	30	7	242	2.21	12	1
002415	1	14	13	191	.3	30	9	408	2.61	12	1
002416	1	30	13	88	.4	34	9	455	2.61	14	3
002417	1	18	10	97	.2	28	7	384	2.21	9	1
002418	2	46	19	109	.5	45	15	820	3.46	22	1
002419	2	42	33	175	.6	40	11	521	3.21	39	2
002420	2	47	24	158	.9	49	10	639	3.38	37	2
002421	2	33	19	164	.9	43	11	668	3.51	17	3
002422	1	20	13	98	.8	32	8	247	2.91	15	1
002423	1	22	18	106	.6	20	7	787	2.05	6	1
002424	1	16	16	112	.4	30	7	262	2.54	9	1
002425	4	76	23	251	.2	56	13	442	5.77	24	1
002451	1	23	9	47	.3	26	6	281	1.95	5	7
002452	1	25	15	62	.3	29	7	292	2.16	7	2
002453	1	18	16	98	.2	24	8	198	2.46	3	1
002454	1	22	12	61	.2	26	6	281	2.02	2	6
002455	1	24	8	54	.1	24	6	249	2.11	10	1

↑
1/18/77
↓

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002456	1	21	7	67	.1	28	6	249	2.17	5	2
002457	1	14	10	51	.1	20	4	164	1.51	4	1
002458	1	30	8	59	.2	26	7	445	2.04	2	1
002459	1	22	12	60	.1	26	6	225	2.21	2	2
002460	1	16	8	57	.1	18	4	156	1.84	2	1
002498	1	15	9	70	.1	25	5	242	1.96	5	2
002499	1	24	10	88	.1	31	7	424	2.31	4	2
002500	1	18	8	71	.1	25	5	211	1.81	2	1
002501	1	11	10	42	.1	15	3	129	1.62	3	1
002502	1	12	8	64	.1	21	5	214	1.52	2	1
002503	1	15	4	84	.1	27	8	352	2.29	6	45
002504	1	22	10	93	.1	29	8	472	2.14	3	2
002505	1	28	14	82	.2	34	10	526	2.76	5	1
002506	1	19	9	103	.1	23	7	409	2.57	9	2
002507	1	17	9	112	.2	25	7	252	2.30	4	1
002518	1	40	10	87	.1	34	9	349	3.64	5	2
002519	1	33	6	62	.6	23	6	271	2.35	4	2
002520	2	75	10	70	.1	33	11	548	3.31	12	4
002521	1	43	12	101	.3	27	7	346	2.73	5	71
002522	1	42	11	89	.4	28	7	368	2.72	5	2
002523	2	42	13	100	.6	27	11	1009	2.91	3	2
002524	1	46	10	63	.1	29	7	362	2.72	7	2
002525	2	80	17	148	.7	55	19	1168	4.51	6	1
002526	1	42	14	73	.5	31	8	378	2.17	8	21
002527	1	33	6	76	.3	24	7	296	2.22	5	495
002536	2	28	12	88	.2	24	9	280	3.18	5	6
002537	2	75	13	76	.6	39	12	393	3.02	10	4
002538	1	22	13	136	.5	18	9	581	2.71	6	2
002539	2	102	11	82	.7	50	14	556	3.35	14	14
002540	2	69	13	81	.3	41	11	390	3.48	10	6
002541	1	52	11	120	.5	37	11	486	3.41	10	3
002542	2	63	14	176	.5	44	13	815	3.80	7	9
002543	2	65	10	99	.4	37	10	497	3.35	10	3
002544	2	63	10	76	.1	35	8	336	2.70	6	2
002545	1	41	9	68	.1	30	7	282	2.49	7	2
002556	1	26	15	141	.3	21	8	369	3.63	11	760
STD C/AU-S	20	60	38	131	7.4	73	29	1013	3.95	41	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002557	1	41	7	70	.4	20	6	304	2.20	4	2
002558	1	50	10	103	.7	29	10	544	3.16	11	4
002559	1	41	10	84	.5	23	7	380	2.38	4	1
002560	1	36	9	74	.7	21	11	505	2.72	2	4
002561	1	38	11	102	.3	25	8	332	2.66	7	2
002562	1	39	8	59	.1	23	6	318	2.26	3	2
002563	1	34	6	65	.1	21	6	231	2.34	7	1
002564	1	32	11	84	.2	21	8	481	2.49	2	1
002565	2	52	11	115	.5	34	11	503	3.71	7	1
002566	1	31	5	66	.3	18	6	474	2.25	8	1
002567	1	34	9	67	.1	19	7	445	2.19	6	2
002568	2	57	4	87	.3	31	11	522	3.05	12	8
002569	1	54	4	115	.4	25	12	876	2.86	7	2
002570	2	38	10	135	.6	23	12	814	2.92	5	4
002571	1	77	9	66	.3	35	10	391	2.96	9	2
002572	2	48	12	144	.4	29	11	792	3.09	9	1
002573	1	36	11	108	.4	27	10	373	3.10	9	1
002574	1	22	8	94	.2	20	8	341	2.93	9	1
002615	1	32	7	75	.3	18	7	310	2.39	5	1
002616	1	16	6	83	.3	13	6	380	2.53	4	2
002617	1	19	8	64	.2	14	6	397	2.16	5	1
002618	1	23	4	86	.2	19	7	525	2.15	7	3
002619	1	44	10	104	.3	24	10	563	3.24	8	1
002620	2	35	14	148	.3	19	10	507	2.87	10	2
002621	1	28	11	166	.7	19	10	610	3.58	9	1
002622	1	42	7	99	.5	27	7	356	2.70	3	2
002623	1	10	4	66	.3	11	5	332	1.75	5	3
002624	1	28	10	93	.3	20	10	331	2.93	3	1
002625	1	42	6	89	.4	29	9	513	2.54	9	8
002626	1	22	12	86	.3	31	8	233	2.57	5	1
002627	2	27	7	113	.2	23	10	535	2.45	8	2
002628	1	20	7	110	.1	16	10	699	2.74	8	1
002629	1	27	6	115	.5	18	10	1140	2.77	5	2
002630	1	16	8	117	.4	13	7	225	2.90	4	1
002631	1	50	11	120	.3	29	11	505	3.07	7	1
002632	3	127	9	89	.1	40	14	780	3.57	15	16
STD C/AU-S	20	61	39	132	7.4	69	28	1027	3.96	42	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002633	1	25	9	185	.6	19	11	502	3.45	7	3
002634	1	15	5	95	.4	9	7	330	2.03	7	1
002635	1	56	11	115	.1	32	11	658	3.10	10	3
002636	2	36	12	102	.2	24	10	275	3.84	11	2
002637	1	19	9	72	.1	18	6	264	3.03	8	2
002638	1	16	7	140	.2	16	8	354	2.62	6	4
002639	1	57	11	97	.2	30	9	426	2.97	9	2
002640	1	25	8	87	.1	21	8	541	2.62	6	2
002641	1	48	4	72	.2	42	9	359	2.95	10	5
002642	1	43	10	83	.4	40	8	333	2.94	6	4
002643	1	18	11	115	.2	22	8	503	2.61	7	16
002644	1	30	9	89	.4	34	9	244	3.01	11	6
002645	1	26	10	129	.4	24	8	474	2.32	8	1
002646	2	71	7	84	.2	31	10	399	3.61	15	3
002647	1	31	11	81	.1	32	11	362	2.61	8	4
002648	2	32	8	122	.2	21	10	468	3.25	14	2
002649	1	32	10	118	.1	21	9	482	2.91	10	4
002650	1	44	11	67	.2	35	10	374	2.90	12	5
002651	1	51	10	58	.2	41	12	510	3.10	9	2
002652	1	49	8	63	.3	28	9	356	2.59	9	44
002653	1	33	8	96	.2	26	10	430	3.11	9	8
002654	1	44	6	74	.1	25	8	569	2.47	7	4
002655	1	53	5	76	.1	39	9	325	3.31	9	985
002656	1	45	11	78	.3	31	7	449	2.54	5	13
002657	2	85	10	86	.2	42	12	625	3.59	11	11
002658	1	33	2	71	.3	31	7	233	2.40	8	6
002659	1	45	10	72	.3	30	7	358	2.63	5	6
002660	1	42	7	80	.4	34	7	423	2.80	5	2
002661	1	37	8	73	.2	29	7	509	2.48	5	5
002662	1	30	10	69	.5	27	6	286	2.34	8	4
002663	1	62	10	80	.5	38	7	303	2.87	9	4
002664	1	43	7	80	.2	28	7	406	2.38	5	7
002675	1	27	8	103	.8	23	8	329	3.29	8	1
002676	1	31	10	139	.4	36	11	404	3.45	11	1
002677	2	51	11	109	.3	35	11	332	3.42	12	2
002678	1	30	12	98	.2	29	10	290	2.85	8	1
STD C/AU-S	19	58	39	131	7.1	71	28	950	3.95	40	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002776	1	21	8	57	.3	24	5	266	1.95	4	1
002777	1	18	13	61	.2	22	6	272	1.89	2	1
002778	1	21	12	66	.3	23	7	263	2.01	2	5
002779	1	21	11	79	.1	25	7	364	2.10	5	1
002780	1	17	4	53	.1	19	4	194	1.67	5	2
002781	1	23	9	59	.1	21	5	214	2.11	3	5
002782	1	23	11	74	.3	23	5	228	2.13	2	1
002783	1	21	11	48	.2	23	6	232	1.95	5	1
002900	1	15	10	58	.1	14	5	186	2.06	4	1
002901	1	29	11	64	.4	24	8	282	2.42	6	3
002925	1	52	13	95	.5	31	11	531	3.06	7	1
002926	1	44	10	113	.1	25	9	391	2.97	7	1
002927	1	28	11	80	.5	26	8	398	2.23	2	2
002928	1	42	13	88	.3	34	12	534	3.20	7	32
002929	1	49	12	85	.2	25	10	522	3.09	7	1
002930	1	37	11	79	.3	28	9	424	2.65	7	1
002931	1	66	15	62	.2	38	12	427	3.19	8	10
002932	1	38	10	76	.5	38	9	419	2.61	5	1
002933	1	28	8	77	.2	34	8	351	2.47	3	1
002934	1	38	11	69	.3	33	8	243	2.75	11	1
002935	1	44	6	68	.2	28	8	278	2.47	7	2
002936	1	34	11	134	.2	30	11	357	3.60	8	1
002937	1	33	12	84	.3	22	8	346	2.81	4	1
002938	1	55	14	100	.3	43	11	290	3.23	12	10
002939	1	39	11	100	.4	38	10	300	3.25	11	8
002940	1	48	12	150	.5	38	11	726	3.83	10	6
002941	1	45	14	67	.2	28	8	334	2.78	6	4
002942	1	40	9	63	.4	23	7	333	2.36	2	8
002943	1	36	9	50	.3	22	5	242	1.98	3	9
002944	1	39	11	137	.6	28	10	409	3.11	9	1
002945	1	45	13	73	.2	26	7	298	2.43	4	6
002946	1	73	10	62	.1	30	9	400	3.04	12	81
002947	1	48	12	76	.3	21	7	375	2.71	8	4
002948	1	50	9	52	.3	22	6	407	2.39	6	5
002949	1	53	11	85	.4	29	8	433	2.66	5	9
002950	1	30	13	117	.5	25	10	424	3.82	8	4
STD C/AU-S	19	61	42	132	7.3	68	28	1024	3.96	42	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPM
003000	1	42	5	66	.1	33	7	268	2.56	3	1
003001	1	39	10	71	.4	28	9	285	2.65	3	1
003002	1	51	14	88	.1	34	9	462	2.98	5	25
003003	1	33	7	74	.1	27	6	266	2.32	5	1
003004	1	42	10	95	.4	29	8	412	2.82	5	1
003005	1	37	7	59	.1	29	7	328	2.36	7	3
003006	2	50	12	78	.1	31	9	391	2.88	7	1
003007	2	107	16	111	.4	68	12	790	4.04	5	3
003008	1	35	11	78	.1	29	7	349	2.60	5	20
003009	1	42	6	101	.2	31	11	338	3.59	8	1
003010	1	39	8	49	.1	27	8	389	2.48	7	3
003011	1	55	7	58	.1	35	11	368	3.23	9	1
003012	1	27	6	55	.1	23	7	282	2.39	6	2
003013	1	61	11	59	.1	38	12	353	3.26	8	1
003179	1	16	9	68	.1	19	6	254	2.03	2	1
003180	1	78	8	73	.1	40	13	411	3.26	14	1
003181	1	60	9	85	.1	34	10	376	3.17	11	2
003182	2	77	12	101	.1	36	13	371	3.50	8	2
003183	2	71	9	110	.1	40	11	517	3.22	8	1
003184	1	47	10	124	.2	32	11	416	3.23	8	1
003185	2	66	7	94	.2	31	10	378	3.13	7	2
003186	2	40	10	120	.2	26	10	341	3.04	8	1
003450	2	49	7	119	.1	30	16	668	3.31	4	1
003451	2	35	9	81	.2	22	10	470	2.55	2	1
003452	2	20	6	66	.1	15	6	304	2.27	2	1
003453	1	21	12	99	.1	21	8	569	2.91	8	1
003454	2	23	10	108	.1	19	9	857	2.76	9	1
003455	1	12	10	74	.1	12	5	343	2.16	7	1
003456	2	36	11	80	.5	23	6	695	2.42	5	9
003457	2	26	12	184	.2	18	9	445	4.26	9	1
003458	2	24	12	114	.2	12	7	317	2.38	7	1
003459	2	23	14	161	.1	20	10	607	4.79	9	1
003460	1	26	6	94	.3	26	8	327	3.14	4	1
003461	1	28	10	91	.2	24	8	262	2.65	2	1
003462	1	24	6	89	.1	21	7	258	2.50	2	2
003463	2	18	11	178	.1	18	10	801	3.73	3	1
STD C/AU-S	19	57	41	131	6.8	69	28	921	3.95	37	46

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003464	2	30	21	128	.2	22	9	492	3.69	6	2
003465	2	17	10	83	.1	13	9	405	2.92	5	5
003466	1	35	10	125	.1	23	9	393	2.95	5	1
003467	1	61	16	80	.3	28	9	401	3.46	8	2
003468	1	31	8	114	.5	22	12	1261	2.62	8	1
003469	1	38	9	75	.1	28	10	375	2.81	7	2
003470	1	32	9	75	.2	26	9	347	2.57	7	4
003471	2	40	13	92	.3	28	10	491	2.99	8	5
003472	1	35	11	78	.1	26	7	347	2.74	9	3
003473	2	31	11	127	.2	24	9	698	4.07	8	2
STD C/AU-S	19	60	42	131	7.5	70	29	948	3.94	41	51
003474	2	76	14	95	.7	31	9	384	3.38	10	1
003475	2	41	13	76	.3	30	9	310	3.05	8	1
003476	1	43	12	145	.2	35	11	533	3.18	10	1
003477	1	29	12	126	.3	18	8	593	2.58	6	1
003478	3	221	15	96	2.8	55	25	1216	3.35	8	1
003479	1	43	14	95	.1	32	8	456	3.01	11	1
003480	1	30	14	81	.1	23	8	430	2.61	6	2
003481	1	25	8	61	.1	19	6	294	2.04	2	1
003482	1	24	15	166	.3	29	9	221	3.32	8	1
003483	1	28	15	150	.2	24	9	469	3.72	8	1
003484	2	23	12	146	.2	24	8	244	3.89	12	1
003485	1	24	7	72	.1	22	6	230	2.20	8	1
003486	1	29	11	71	.1	26	7	337	2.39	6	5
003487	2	34	11	110	.4	33	9	303	3.68	11	1
003488	1	29	11	140	.1	25	9	422	2.97	6	1
003489	1	18	9	96	.2	19	7	350	2.70	13	1
003490	1	24	11	104	.1	22	8	552	2.34	7	1
003491	1	36	8	115	.2	27	9	452	2.92	6	2
003492	2	15	5	74	.3	15	5	235	1.90	4	1
003493	1	51	7	92	.4	39	10	523	3.05	3	1
003494	1	81	14	93	1.1	43	8	375	2.78	12	2
003495	1	19	8	92	.3	16	7	353	2.21	4	1
003496	1	45	9	117	.5	33	11	672	3.32	7	4
003497	1	30	7	87	.2	23	7	349	2.47	3	3
003498	2	132	13	128	1.2	55	14	734	3.65	13	1
003499	2	171	12	159	1.4	87	16	989	5.22	15	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU# PPM
003500	1	46	9	82	.3	33	11	628	3.00	8	4
003501	1	57	8	89	.4	36	9	576	2.91	9	2
003502	1	27	7	60	.1	24	9	422	2.39	6	1
003503	1	28	10	52	.1	24	6	303	2.24	5	1
003504	1	33	9	68	.1	27	9	378	2.84	8	2
003505	1	15	7	58	.1	23	6	210	2.08	6	1
003506	1	22	8	75	.1	27	7	247	2.43	6	1
003507	1	106	16	137	.5	61	14	880	4.07	9	2
003508	1	24	10	89	.2	26	7	268	2.93	9	5
003509	1	35	11	81	.3	32	8	414	2.87	7	16
003510	1	13	10	45	.3	17	4	242	1.48	3	1
003511	1	15	9	61	.1	19	5	209	1.88	6	1
003512	1	26	13	93	.1	25	7	273	2.47	4	1
003513	1	21	4	85	.1	21	7	392	2.32	4	2
003514	1	25	9	75	.1	27	9	454	2.57	9	1
003586	1	63	12	92	.3	40	10	624	3.22	9	1
003587	1	46	12	110	.3	12	7	343	2.13	6	2
003588	1	41	10	158	.3	23	12	844	3.47	4	1
003589	1	40	10	66	.2	33	9	383	2.60	10	3
003590	3	26	11	111	.3	12	10	796	3.09	10	1
003591	1	50	14	159	.6	42	14	599	3.80	11	1
003592	1	16	8	69	.2	17	5	189	2.40	5	1
003593	1	11	10	59	.2	10	4	227	1.75	3	1
003594	2	54	5	107	.5	35	12	825	3.00	7	1
003595	1	37	8	74	.2	28	9	437	2.62	6	1
003596	1	24	11	117	.1	23	10	546	2.84	5	1
003597	1	36	6	83	.1	31	10	362	3.07	12	1
003598	2	31	10	72	.1	23	8	397	2.93	10	1
003599	1	43	8	120	.4	31	12	1084	2.82	8	1
003600	1	24	14	127	.1	24	9	451	2.97	8	1
003601	1	19	11	95	.3	18	6	286	2.66	8	2
003602	1	21	13	137	.2	21	6	320	3.15	9	1
003603	1	35	11	103	.6	27	10	453	2.82	9	1
003604	1	32	9	82	.5	24	9	458	2.40	8	1
003605	2	127	3	107	2.6	91	12	430	3.95	16	2
003606	1	28	13	73	.3	30	11	329	3.02	5	1
STD C/AU-S	19	60	39	135	7.6	72	29	1017	3.96	42	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003607	4	39	12	139	.6	26	16	703	3.46	7	1
003608	2	25	11	137	.3	30	10	330	3.33	5	1
003609	2	78	10	117	1.3	35	10	486	3.36	15	1
003610	3	133	15	126	2.1	73	13	918	4.95	22	2
003611	2	43	13	88	1.1	36	9	597	3.15	13	1
003612	1	30	9	98	.4	27	8	432	2.63	4	2
003613	2	71	14	130	.6	64	11	626	4.33	15	1
003614	1	34	13	69	.1	28	7	325	2.61	10	2
003615	1	29	11	72	.6	24	6	312	2.63	8	1
003616	2	29	8	98	.3	26	9	480	2.66	3	1
003617	2	20	10	75	.3	22	7	268	2.74	4	1
003618	2	69	13	115	.3	44	15	625	4.15	31	2
003619	1	21	12	109	.4	36	11	312	3.40	11	13
003620	1	19	9	94	.1	20	8	660	2.38	2	1
003621	1	29	9	105	.3	29	10	460	3.16	5	1
003622	2	38	9	111	.4	32	10	413	3.21	9	1
003623	2	57	7	112	.8	41	12	813	3.40	15	2
003624	1	49	9	128	.5	31	10	775	2.75	8	1
003625	1	31	6	105	.4	28	11	543	2.82	8	2
003626	2	27	8	97	.5	25	9	650	2.72	12	1
003627	1	55	4	76	.2	32	11	387	3.30	8	1
003628	1	51	10	138	.4	43	12	788	3.56	10	1
003629	1	13	10	87	.5	14	7	389	2.22	4	2
003630	1	22	10	104	.5	18	9	741	2.58	8	2
003631	1	25	10	113	.3	26	9	432	2.73	5	3
003632	3	45	11	83	.1	35	10	434	3.38	7	1
003633	2	67	10	116	.8	41	10	688	3.44	8	1
003634	3	74	5	121	.8	43	12	801	3.54	13	1
003635	2	27	9	109	.1	23	11	479	2.79	8	1
003636	2	33	10	102	.1	34	9	358	3.38	11	2
003637	1	20	5	102	.1	18	6	355	2.31	2	1
003638	2	32	9	109	.6	29	8	367	3.56	5	1
003639	2	44	11	94	.1	35	10	333	3.43	10	1
003640	2	27	4	84	.5	18	8	677	2.54	2	1
003641	1	17	9	121	.2	19	6	224	2.91	5	3
003642	2	96	14	132	.9	50	12	801	3.87	9	2
STD C/AU-S	19	58	41	131	7.3	69	28	945	3.94	41	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003643	1	27	11	85	.2	25	8	476	2.50	9	1
003644	2	17	13	91	.2	12	8	731	2.38	2	1
003645	1	25	10	124	.2	20	9	592	3.11	8	1
003646	1	39	13	163	.2	24	8	311	3.27	14	2
003647	1	34	12	91	.4	27	7	280	2.84	7	1
003648	1	31	11	138	.5	24	9	306	3.54	11	1
003682	1	41	14	93	.4	35	11	731	3.32	14	6
003683	1	32	20	207	.1	17	9	769	4.03	8	11
003684	3	109	17	181	.6	27	14	444	5.19	62	6
003685	1	36	18	161	.1	19	8	610	3.90	10	3
003686	1	30	21	146	.4	18	7	374	2.98	8	3
003687	2	25	10	112	.1	22	9	869	2.80	6	9
003688	1	19	15	124	.7	16	10	773	3.01	8	3
003689	1	28	12	87	.1	21	8	280	2.97	9	2
003690	1	29	11	189	.6	21	12	1497	3.12	7	1
003710	3	82	13	161	.9	32	9	1108	3.17	10	1
003711	1	207	19	184	1.5	90	15	930	5.16	13	1
003712	2	100	16	216	.7	54	12	933	3.47	8	1
003713	2	121	15	161	.7	59	13	1110	3.60	11	2
003714	1	26	9	110	.2	24	8	593	2.75	9	1
003715	1	35	14	92	.1	26	9	649	2.65	5	5
003716	1	19	8	84	.1	18	6	272	1.96	2	1
003717	1	20	13	60	.3	16	5	183	1.96	6	1
003730	1	33	8	92	.4	32	7	476	2.49	8	1
003731	1	30	12	94	.4	27	8	449	2.62	6	1
003732	1	20	9	60	.2	16	6	279	1.77	2	1
003733	1	17	9	64	.1	18	5	243	1.93	4	1
003734	1	19	8	63	.1	21	5	266	2.09	5	1
003735	1	15	10	50	.1	18	6	250	1.96	3	2
003736	1	24	9	72	.1	22	6	186	2.10	5	1
003737	1	23	12	85	.1	33	11	252	2.82	7	1
003762	2	33	14	135	.3	28	10	454	3.40	9	1
003763	1	26	13	111	.1	26	8	280	3.03	8	9
003764	1	30	11	95	.1	22	8	547	2.49	10	1
003765	1	13	7	78	.1	10	4	202	1.63	5	1
003766	1	35	14	114	.2	25	10	473	3.31	10	1
STD C/AU-S	18	58	44	131	7.4	71	29	939	3.95	40	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX PPB
003767	2	22	16	126	.1	21	9	392	3.39	2	2
003768	1	61	13	96	.3	30	11	936	3.38	7	1
003769	1	26	12	172	.3	24	10	1364	3.07	2	3
003770	1	27	13	142	.2	25	9	368	3.56	2	9
003771	1	26	12	177	.2	24	12	645	3.57	5	1
003772	1	57	13	101	.4	37	12	453	3.51	7	3
003773	1	63	13	152	.2	37	13	801	4.35	6	2
003862	1	27	15	93	.4	26	7	239	3.77	3	1
003863	1	30	15	75	.2	26	8	515	2.71	6	23
003864	1	21	14	195	.3	22	11	963	3.04	4	2
003865	1	35	16	197	.1	31	12	621	4.16	5	1
003866	1	21	13	91	.4	20	8	476	2.81	5	2
003867	1	28	11	83	.5	20	7	590	2.33	3	1
003868	1	32	10	83	.1	25	8	388	2.60	4	1
003869	1	28	9	120	.1	28	8	340	3.12	4	27
003870	1	20	11	135	.4	18	8	430	2.63	6	2
003881	1	20	13	119	.2	21	9	508	2.57	2	1
003882	1	24	9	102	.5	22	8	407	2.92	4	1
003883	1	42	14	86	.2	33	10	493	3.13	5	1
003884	1	36	14	91	.4	33	8	325	3.04	5	9
003885	1	33	12	131	.2	31	11	365	3.71	7	2
003886	1	45	15	119	.5	34	12	628	3.15	5	3
003887	1	20	14	116	.1	20	9	827	2.56	5	2
003888	1	10	6	64	.1	11	4	271	1.56	2	1
003889	2	32	13	101	.2	34	9	293	3.25	5	1
003929	1	15	14	53	.2	16	4	169	1.66	4	1
003930	1	21	9	57	.1	24	5	242	2.14	2	1
003931	1	12	13	84	.1	15	5	232	2.05	2	1
003932	2	58	12	85	.4	40	11	807	3.24	11	5
003933	1	23	11	100	.3	25	6	251	2.73	3	4
003934	1	13	8	51	.3	11	3	127	1.38	2	1
003935	1	26	12	69	.2	25	7	316	2.31	4	1
003936	2	53	18	93	.2	35	8	422	3.09	11	2
003937	1	23	11	98	.4	23	7	617	2.20	4	1
003938	1	32	11	84	.4	29	8	692	2.82	9	1
003949	1	34	14	97	.4	27	12	728	3.04	2	1
STD C/AU-S	19	58	40	131	7.2	71	28	951	3.93	41	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003963	1	37	13	112	.4	24	8	791	4.55	9	1
003964	2	40	14	95	.1	31	10	359	5.29	12	1
003965	1	47	17	95	.3	44	13	341	3.84	10	2
003966	1	38	16	76	.2	33	10	326	3.10	10	1
003967	2	146	21	153	.5	49	16	1056	4.50	15	2
003968	1	47	13	146	.2	25	11	664	3.74	6	1
003970	1	29	19	141	.1	28	11	623	3.82	12	3
003971	1	32	13	111	.3	26	9	352	3.33	13	1
003972	1	29	11	122	.3	24	10	578	3.38	8	1
003973	2	55	11	171	.2	36	13	739	4.18	9	2
003974	1	32	13	192	.3	32	12	682	3.88	14	1
003975	1	30	9	138	.3	26	10	383	3.90	11	1
003976	1	33	13	128	.2	28	10	451	4.03	13	3
003977	1	61	15	138	.3	40	11	364	4.54	18	1
003978	1	23	18	121	.1	20	11	1060	3.60	6	9
003979	1	24	12	102	.2	21	11	634	2.92	6	1
003980	2	48	13	70	.5	33	11	385	3.34	10	1
003981	1	28	9	137	.3	25	10	422	3.92	9	1
003982	2	27	14	141	.3	23	13	1014	3.86	11	1
003992	2	35	18	115	.4	29	10	849	3.41	11	2
003993	1	16	13	80	.3	16	6	247	2.68	4	2
003994	2	32	13	91	.5	26	9	673	2.93	6	18
003995	2	20	15	79	.1	20	7	326	2.64	8	1
003996	1	21	15	83	.1	25	6	281	2.33	7	1
003997	1	25	9	63	.1	26	9	347	2.44	6	2
003998	1	39	15	81	.2	35	9	431	2.85	3	5
003999	2	48	15	104	.2	40	13	615	3.52	9	1
STD C/AU-S	19	57	39	131	7.3	69	28	939	3.96	40	50

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR NG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 11 1987

DATE REPORT MAILED: Aug 20/87

ASSAYER: *P. J. ...* DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001753	1	27	6	58	.1	30	7	264	2.35	2	1
001754	1	20	2	98	.1	33	9	287	2.46	3	1
001755	1	22	4	100	.1	34	8	368	2.52	3	1
001756	1	18	7	139	.1	26	7	515	2.38	2	1
001757	1	20	5	255	.3	21	12	458	3.36	2	1
001758	1	35	4	244	.1	28	12	1104	4.03	2	2
001759	1	29	4	213	.3	19	9	296	3.39	2	2
001760	1	26	2	171	.3	21	9	846	3.24	3	4
001761	1	24	4	150	.3	21	14	1045	3.32	3	1
001762	1	37	4	93	.2	30	12	499	3.51	3	22
001763	1	23	9	290	.6	21	19	1682	3.96	3	3
001764	1	21	5	251	.4	20	11	462	3.44	2	1
001765	1	24	8	234	.3	21	10	888	3.58	2	1
001766	1	40	3	59	.1	33	6	238	2.34	2	1
001767	1	46	8	176	.3	44	11	737	2.98	4	1
001768	1	22	9	92	.1	32	8	362	2.48	4	2
001769	1	20	6	81	.1	28	7	341	2.17	2	1
001770	1	17	4	82	.1	24	6	319	1.94	3	1
001771	1	32	5	97	.1	35	10	499	2.69	3	2
001772	1	45	4	127	.2	46	13	1127	3.19	2	8
001773	1	36	6	82	.1	35	10	493	2.97	7	1
001774	1	23	7	108	.1	30	8	317	2.87	3	2
001775	1	16	12	258	.3	17	10	563	3.20	2	1
001776	1	14	7	131	.3	11	7	1084	2.02	2	3
STD C/AU-S	19	62	40	134	7.1	73	29	952	4.08	40	49
001777	1	17	8	161	.3	14	9	394	3.21	2	1
001778	1	42	6	135	.2	44	10	635	3.29	5	1
001779	1	18	10	101	.1	28	7	297	2.35	3	1
001780	1	18	2	86	.1	28	6	239	2.16	3	1
001781	1	62	8	114	.3	56	10	589	3.33	8	1
001850	1	27	8	120	.1	35	9	338	2.82	7	1
001851	1	26	11	115	.1	33	9	388	2.87	8	1
001852	1	24	10	127	.1	30	8	397	2.46	5	1
001853	6	136	11	302	.3	24	30	1927	9.03	165	13
001854	7	129	13	141	.3	22	26	696	6.99	26	1
001855	1	29	13	87	.1	39	11	387	3.06	11	3
001856	1	26	10	90	.1	34	10	411	2.80	7	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX PPB
001857	1	27	18	96	.1	34	9	382	2.43	5	3
001858	1	31	10	124	.1	35	11	599	2.91	23	7
002145	1	20	10	59	.1	24	6	236	1.92	2	1
002146	1	22	11	50	.1	26	6	285	1.91	3	1
002147	1	20	9	54	.1	23	5	260	1.81	3	1
002148	1	16	6	50	.1	21	5	211	1.66	2	2
002149	1	23	6	98	.1	29	9	208	2.18	4	1
002150	1	25	11	39	.2	25	6	252	1.92	5	1
002201	1	18	13	74	.1	26	7	444	1.88	4	1
002202	1	11	12	73	.2	17	5	270	1.66	2	1
002203	1	7	9	42	.1	11	3	126	1.09	2	3
002204	1	24	9	72	.3	28	6	291	2.38	8	1
002205	2	15	12	83	.2	20	4	152	1.99	6	1
002206	1	23	7	74	.1	30	6	247	1.95	6	3
002207	1	16	12	82	.1	25	5	219	1.60	3	2
002208	1	14	13	74	.1	23	5	233	1.56	2	2
002209	1	20	16	67	.3	27	6	240	1.86	3	1
002210	1	23	12	76	.1	28	6	261	2.28	5	1
002211	1	12	10	71	.1	20	5	215	1.72	4	1
002212	1	18	12	82	.1	27	6	264	2.12	5	1
002213	1	15	10	91	.2	24	6	213	1.94	4	2
002214	1	15	8	65	.1	25	6	275	2.04	5	1
002215	1	16	12	74	.1	25	6	232	2.05	5	1
002216	1	25	14	102	.1	31	8	342	2.43	5	8
002254	1	112	15	164	.5	34	13	1033	3.69	2	1
002255	1	27	11	170	.4	42	11	862	2.95	3	1
002256	1	13	13	96	.1	28	8	230	2.40	3	1
002257	2	66	17	199	.6	64	13	873	4.01	6	2
002258	1	26	11	88	.1	32	8	481	2.35	4	1
002259	2	52	9	135	.4	47	8	361	2.96	5	1
002260	1	10	7	53	.1	18	4	175	1.49	2	1
002261	1	15	12	68	.1	24	6	275	1.83	2	1
002262	1	11	10	62	.2	18	4	152	1.58	2	49
002290	1	19	15	84	.1	29	6	286	2.34	4	1
002291	1	21	9	106	.2	28	7	587	2.13	2	1
002292	1	18	11	87	.1	25	6	325	1.97	4	1
STD C/AU-S	19	61	41	131	7.4	71	29	955	3.78	37	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002293	1	18	10	89	.1	27	6	291	2.18	2	1
002294	1	65	10	126	.6	42	10	623	3.25	6	2
002295	2	71	4	161	.7	56	12	802	3.79	5	1
002296	1	24	12	105	.2	31	7	339	2.23	3	1
002297	1	13	6	60	.1	18	4	163	1.58	2	2
002298	1	16	2	73	.1	24	5	205	1.95	2	2
002299	1	20	9	74	.1	27	6	237	2.13	3	3
002300	1	21	15	84	.2	29	6	272	2.28	3	5
002461	1	20	13	46	.1	20	5	213	1.78	4	1
002462	1	31	2	68	.1	29	7	233	2.51	3	1
002463	1	28	8	57	.1	30	7	310	2.38	4	1
002464	1	22	8	61	.1	26	6	326	2.11	4	1
002465	1	29	10	56	.1	33	8	396	2.58	3	2
002466	1	18	7	59	.1	24	7	310	2.23	2	1
002467	1	20	16	49	.1	22	6	247	1.84	3	1
002468	1	18	9	39	.1	24	5	227	1.85	2	2
002469	1	20	12	78	.1	24	6	229	1.92	2	44
002470	1	22	10	49	.1	25	5	241	1.94	4	1
002471	1	22	4	54	.2	21	5	204	2.08	4	1
002472	1	28	10	52	.1	24	6	233	2.25	3	1
002473	1	28	13	54	.1	23	6	200	2.29	3	1
002474	1	23	9	53	.2	24	5	224	1.94	2	1
002475	1	17	9	52	.4	22	6	194	1.63	2	2
002476	1	20	11	44	.2	25	5	182	1.82	2	1
002477	1	23	9	50	.1	25	6	219	1.95	3	1
002478	1	17	15	44	.1	24	5	242	1.92	2	1
002479	1	25	12	46	.1	26	6	308	2.11	4	1
002480	1	18	10	47	.3	20	5	231	1.86	2	1
002481	1	39	14	54	.2	37	8	310	2.69	7	1
002482	1	22	12	110	.2	26	7	269	2.32	4	2
002483	1	22	13	52	.2	23	6	210	1.92	4	1
002484	1	27	13	63	.1	30	8	269	2.38	3	1
002485	1	22	7	43	.1	22	5	225	1.81	2	1
002486	1	16	18	57	.2	24	5	204	1.75	3	2
002487	1	25	12	42	.1	27	7	301	2.21	7	1
002488	1	19	13	40	.1	30	7	208	1.92	5	1
STD C/AU-S	18	62	39	130	7.5	71	28	1021	4.15	38	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX* PPB
002489	1	19	4	40	.2	24	6	225	1.92	5	1
002490	1	20	4	39	.7	22	5	201	1.83	5	1
002491	1	31	11	59	.4	35	8	263	2.56	9	5
002492	1	16	2	41	.1	20	5	207	1.63	7	3
002493	1	22	5	87	.4	30	8	232	2.62	6	3
002494	1	30	3	72	.1	34	8	335	2.71	10	1
002495	1	21	4	49	.2	26	6	265	1.89	5	6
002496	1	18	2	42	.2	24	6	257	1.92	3	5
002508	1	45	5	151	.6	35	11	470	3.05	5	7
002509	1	38	12	107	.4	27	8	328	3.45	7	5
002510	1	29	10	92	.6	23	8	312	3.08	5	8
002511	1	32	10	127	.8	26	10	316	3.48	8	7
002512	1	28	13	131	.5	28	10	427	3.47	12	3
002513	1	19	4	97	.2	17	7	282	3.01	4	9
002514	1	17	4	98	.8	18	9	394	2.69	3	7
002515	1	23	2	142	.6	19	10	650	2.84	6	5
002516	1	44	2	70	.1	30	8	411	2.55	3	13
002517	1	32	11	98	.5	28	7	405	2.53	7	7
002528	1	34	6	104	.6	23	8	617	2.41	9	13
002529	1	70	10	65	.7	47	11	430	3.22	11	8
002530	1	34	14	159	.7	26	11	675	3.43	7	43
002531	1	50	4	103	.7	38	11	416	3.59	12	4
002532	1	41	14	94	.5	36	10	283	3.05	6	7
002533	1	59	7	93	.3	34	11	509	3.22	9	4
002534	1	68	19	125	.5	35	10	363	3.72	8	9
002535	1	43	7	149	.7	37	12	412	3.71	6	6
002546	1	36	10	80	.2	29	7	323	2.56	7	300
002547	1	46	9	83	.3	33	8	348	3.17	6	6
002548	1	43	3	66	.1	34	7	331	2.79	6	6
002549	1	73	7	71	.1	40	11	557	3.32	11	12
002550	1	43	11	67	.1	30	7	393	2.88	6	23
002551	1	42	7	104	.2	38	10	340	3.17	11	2
002552	1	29	4	82	.1	23	7	371	2.30	4	6
002553	1	44	4	88	.3	37	9	392	3.35	8	1
002554	1	50	12	109	.2	40	12	768	3.70	7	4
002555	1	49	9	101	.3	38	10	418	3.42	9	6
STD C/AU-S	18	59	42	135	7.3	73	28	1028	4.09	40	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002575	1	48	13	85	.5	36	11	416	3.67	8	1
002576	1	22	9	126	.3	17	9	618	2.56	4	1
002577	1	58	10	60	.1	34	8	360	2.90	8	450
002578	2	85	4	84	.3	38	13	774	3.63	13	2
002579	1	40	2	76	.4	27	8	471	2.44	3	1
002580	1	34	5	89	.1	26	8	374	2.30	3	8
002581	2	57	8	121	.2	31	9	655	3.31	9	4
002582	1	44	5	76	.3	38	8	296	2.80	6	1
002583	1	39	2	117	.4	33	9	566	2.87	8	46
002584	1	38	2	88	.1	27	10	512	2.44	5	1
002585	1	45	8	102	.3	30	9	337	3.09	11	7
002586	1	21	8	130	.2	18	8	274	2.67	6	1
002587	1	44	11	140	.6	27	13	661	4.02	5	3
002588	1	54	4	143	.3	43	14	516	3.46	4	1
002589	2	84	7	115	.9	43	13	556	3.75	9	1
002590	1	50	8	104	.5	41	12	353	3.57	10	1
002591	1	29	7	131	.5	28	11	402	3.08	6	2
002592	1	101	11	83	.1	44	14	587	3.74	13	1
002593	1	46	2	115	.5	31	11	437	3.44	8	1
002594	1	34	6	108	.3	27	9	569	2.90	7	14
002595	1	32	3	134	.5	30	10	508	3.58	8	1
002596	3	88	7	151	.1	46	14	625	4.32	11	1
002597	1	21	11	83	.1	15	6	673	2.27	2	1
002598	1	16	3	88	.5	12	6	372	1.98	4	1
002599	1	35	15	131	.4	28	10	318	3.47	8	3
002600	2	60	12	88	.3	34	10	450	3.08	5	5
002601	1	26	10	107	.4	24	8	273	2.92	5	3
002602	2	39	10	57	.1	30	8	296	2.63	6	1
002603	1	50	6	66	.1	34	10	533	2.80	8	2
002604	1	47	2	65	.1	34	10	492	2.73	11	1
002605	1	29	11	105	.3	26	11	297	2.88	5	2
002606	2	75	11	114	.3	39	11	610	4.14	10	1
002607	1	52	7	77	.1	38	7	387	2.76	6	2
002608	1	28	2	186	.3	24	9	364	3.49	10	1
002609	1	44	12	90	.1	28	9	371	3.04	5	1
002610	1	48	9	104	.3	31	10	493	3.38	7	3
STD C/AU-S	19	60	41	134	7.4	72	28	1025	4.08	41	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002611	1	52	4	86	.1	30	9	411	3.23	4	11
002612	1	49	6	108	.3	27	9	463	3.15	5	5
002613	1	31	8	118	.5	25	10	486	3.05	5	2
002614	2	23	8	150	.4	20	10	262	3.31	3	2
002665	2	45	12	84	.2	24	8	377	2.79	2	85
002666	1	69	7	73	.3	29	7	312	3.04	5	2
002667	2	71	10	173	.1	33	18	2482	4.56	5	9
002668	1	62	12	76	.1	31	12	437	3.18	4	4
002669	1	44	3	104	.1	29	9	384	3.09	5	29
002670	1	28	13	122	.1	26	11	691	2.99	2	3
002671	1	39	2	60	.1	26	7	331	2.73	6	1
002672	1	29	10	75	.1	27	6	246	2.17	2	2
002673	1	29	5	62	.5	24	6	260	2.53	7	2
002674	1	23	9	77	.1	20	6	260	2.21	3	1
002750	1	28	4	74	.1	28	10	513	2.77	5	5
002751	6	67	4	103	.2	40	13	1583	5.07	10	1
002752	1	17	10	72	.1	13	6	268	2.30	2	3
002753	2	27	5	69	.4	24	6	248	2.17	2	1
002754	1	35	13	111	.1	34	10	350	3.16	4	1
002755	1	26	5	128	.1	22	10	297	3.44	7	1
002756	1	22	5	80	.1	21	6	273	1.94	4	2
002757	1	18	7	55	.2	17	6	191	1.91	4	5
002758	1	20	9	63	.1	20	7	386	2.11	2	1
002759	1	25	2	75	.2	24	8	309	2.61	6	1
002760	1	20	8	106	.6	21	7	234	2.07	2	1
002761	1	16	2	74	.2	15	4	173	1.76	2	1
002762	1	18	2	77	.1	16	5	199	1.73	2	1
STD C/AU-S	19	62	40	133	7.4	68	29	1021	4.14	41	48
002763	1	18	10	62	.1	21	5	162	1.97	3	1
002764	1	24	2	60	.3	21	5	229	2.12	4	2
002765	1	25	10	48	.1	21	7	244	2.14	4	1
002766	1	25	4	68	.1	20	6	227	2.05	4	2
002767	1	21	5	137	.1	25	6	351	1.96	2	1
002768	1	26	2	76	.2	22	7	234	2.52	5	2
002769	1	21	2	95	.1	17	6	330	2.21	3	1
002770	1	17	3	52	.1	16	5	209	1.77	2	2
002771	1	19	8	41	.1	19	6	253	1.75	3	3

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002772	1	17	2	73	.1	18	6	308	1.63	2	2
002773	1	25	6	76	.1	26	6	375	1.92	4	2
002774	1	18	6	80	.4	21	5	184	1.76	5	2
002775	1	13	2	69	.2	16	4	152	1.54	5	1
002784	1	28	7	75	.5	32	8	263	2.47	10	2
002785	1	18	2	120	.3	23	7	214	2.27	7	7
002786	1	26	2	88	.3	32	8	327	2.55	5	1
002787	1	20	9	82	.1	20	6	215	1.56	4	1
002788	2	30	10	139	.4	36	11	354	3.20	12	2
002789	1	35	17	101	.3	33	9	361	2.97	11	1
002790	1	30	5	79	.2	25	7	317	2.35	5	1
002791	1	27	4	72	.4	23	7	349	2.47	9	2
002792	1	38	3	76	.1	43	11	282	2.71	8	3
002800	1	24	10	79	.1	32	8	252	2.42	6	3
002801	1	35	12	64	.2	41	11	361	2.66	7	1
002802	1	26	6	79	.1	28	7	376	2.18	5	4
002803	1	32	11	70	.1	28	7	291	2.76	6	2
002804	1	32	4	65	.3	28	7	299	2.39	6	5
002805	2	38	10	185	.7	25	11	780	5.02	12	1
002806	1	31	9	86	.2	29	7	274	2.49	5	2
002807	1	23	6	61	.1	19	6	250	1.96	4	3
002808	1	26	3	64	.2	22	6	302	2.26	6	1
002809	1	26	8	82	.1	21	8	409	2.53	7	1
002810	1	22	2	71	.1	22	6	274	2.24	4	1
002811	1	22	8	84	.2	19	6	308	2.34	5	1
002812	1	16	13	61	.1	15	6	286	1.81	3	1
002813	1	27	9	78	.1	32	7	312	2.55	4	1
002814	1	43	3	89	.1	31	10	602	3.12	6	1
002815	2	53	15	104	.6	40	10	639	3.39	11	2
002816	2	68	9	89	.3	49	13	632	3.94	7	2
002817	1	31	14	126	.2	21	9	439	3.85	12	1
002818	1	22	4	115	.1	16	8	634	2.71	6	3
002819	1	46	6	133	.5	32	13	581	3.66	12	2
002820	1	22	5	131	.1	21	7	259	3.20	6	1
002821	1	24	11	67	.2	16	5	352	2.85	8	3
002822	1	17	6	57	.2	11	4	167	2.00	6	1
STD C/AU-S	19	62	41	132	7.0	73	29	1029	3.97	40	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPM
002823	1	24	17	100	.1	18	9	867	2.90	6	4
002824	1	37	13	105	.3	25	9	441	4.05	4	3
002825	2	110	17	264	1.0	50	16	1719	4.35	7	4
002826	1	93	21	186	.4	20	24	1986	3.45	2	5
002827	2	54	16	107	.1	23	8	387	3.77	5	3
002828	1	40	10	114	.1	18	10	371	3.71	4	2
002829	2	126	20	224	.4	35	17	1067	4.75	7	3
002830	1	54	11	167	.1	27	11	579	4.14	4	5
002904	1	27	11	127	.1	26	10	467	2.71	2	7
002905	1	43	12	63	.2	28	10	389	2.85	5	1
002906	1	39	12	112	.3	37	11	290	3.05	3	4
002907	1	23	11	139	.2	22	9	447	2.82	3	3
002908	1	43	13	231	.2	34	12	516	2.87	3	7
002910	1	44	15	101	.1	39	11	303	2.93	3	1
002911	1	38	9	85	.1	34	9	302	2.52	2	2
002912	1	43	7	60	.1	30	7	284	2.55	4	3
002913	1	32	10	51	.1	23	6	237	2.02	3	3
002914	1	40	12	176	.3	24	12	1607	2.78	2	7
002915	2	60	15	150	.1	31	13	644	3.50	4	6
002916	2	86	12	159	.3	40	18	1743	4.19	9	3
002917	1	31	9	118	.2	26	10	292	2.66	3	1
002918	1	69	12	111	.3	37	13	320	3.41	6	3
002919	1	52	8	69	.3	32	10	327	2.79	5	5
002920	1	50	10	102	.2	34	11	290	3.36	7	3
002921	2	64	12	93	.4	34	13	495	3.18	7	3
002922	1	33	10	179	.7	29	12	396	3.78	3	1
002923	1	39	11	184	.3	28	10	405	3.28	3	1
002924	1	34	10	124	.4	25	10	246	3.31	3	2
003014	1	20	4	104	.1	25	6	383	2.15	2	3
003015	1	25	10	86	.1	27	6	273	2.26	2	2
003016	1	17	7	69	.1	18	6	271	1.88	2	1
003017	1	19	11	91	.2	20	6	219	2.09	2	1
003018	1	18	4	87	.2	22	7	398	2.11	3	1
003019	1	30	9	121	.6	32	10	254	2.83	3	2
003020	1	31	5	59	.2	27	7	243	2.55	4	1
003021	1	30	6	72	.1	23	8	563	2.16	2	2
STD C/AU-S	19	60	39	132	7.4	70	29	948	3.96	37	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003022	2	33	3	175	.1	32	11	284	3.32	2	12
003023	1	19	10	128	.5	19	8	230	2.66	2	2
003024	1	15	12	104	.2	17	6	276	1.96	2	15
003025	1	32	15	165	.3	21	13	732	3.26	4	11
003026	1	11	5	98	.1	16	7	277	2.18	2	6
003027	2	49	16	167	.3	32	14	449	3.53	7	4
003028	1	29	8	68	.1	27	9	284	2.40	5	9
003029	1	35	9	125	.4	28	13	320	3.17	4	2
003030	1	30	5	57	.1	27	9	279	2.32	4	5
003031	2	20	10	56	.1	17	6	159	2.10	3	2
003032	1	41	9	84	.1	35	12	375	3.24	8	3
003033	1	20	9	103	.3	25	8	483	2.39	4	3
003034	1	28	11	68	.1	32	9	293	2.62	4	4
003035	1	19	5	63	.1	23	5	160	1.74	2	1
003036	1	22	7	66	.1	27	7	286	2.03	2	8
003037	1	19	12	102	.3	31	9	262	2.31	3	1
003038	1	18	6	123	.1	27	8	228	2.33	3	1
003039	1	34	8	55	.2	30	9	344	2.52	4	4
003040	1	29	10	113	.1	34	9	338	2.67	2	2
003041	1	27	2	81	.3	24	6	289	2.11	3	1
003042	1	30	11	85	.1	27	8	376	2.44	2	4
003043	1	25	7	92	.2	29	10	454	2.68	2	3
003044	1	28	10	79	.4	24	8	357	2.35	3	2
003045	1	26	6	63	.1	24	6	317	2.12	2	29
003046	1	20	10	74	.1	23	7	320	2.02	2	2
003047	1	25	3	74	.1	24	6	295	2.11	3	1
003048	1	30	9	58	.2	28	7	307	2.39	4	3
003049	1	22	7	78	.1	25	7	280	2.10	2	2
003050	1	20	9	54	.1	20	5	190	1.86	3	2
003051	1	24	10	71	.3	26	8	350	2.24	4	2
003052	1	24	7	69	.1	25	8	248	2.25	2	3
003053	1	10	8	78	.2	12	5	148	1.98	2	1
003054	2	20	12	93	.2	25	7	204	2.86	3	3
003055	1	14	7	120	.3	14	6	259	2.15	2	2
003056	1	34	5	131	.3	30	7	295	2.29	5	2
003057	1	21	6	87	.2	21	7	267	1.85	2	4
STD C/AU-S	19	60	38	131	7.3	69	28	938	3.81	37	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX PPB
003058	1	20	4	66	.1	22	5	173	1.75	2	1
003059	1	20	8	64	.1	21	5	211	1.98	2	2
003060	1	29	5	48	.1	28	6	231	2.24	3	10
003061	1	20	14	59	.1	25	6	173	2.37	4	1
003062	1	20	9	48	.1	27	7	249	2.10	2	1
003063	1	22	4	47	.1	26	6	266	2.17	3	5
003064	1	13	8	53	.1	17	4	174	1.58	2	1
003065	1	20	8	77	.1	25	7	348	2.21	2	2
003066	1	13	7	49	.1	13	3	133	1.43	2	1
003067	1	19	8	72	.2	20	7	257	1.89	2	2
003068	1	26	13	98	.1	30	7	231	2.35	2	2
003150	1	40	10	74	.3	40	9	381	3.10	3	1
003151	1	27	10	74	.1	29	6	258	2.24	2	3
003152	1	14	6	56	.1	17	5	164	1.55	2	1
003153	1	36	10	76	.3	35	8	441	2.83	4	2
003154	1	26	7	60	.1	24	6	259	2.14	2	1
003155	1	31	8	63	.1	32	8	313	2.57	3	1
003156	1	45	11	70	.1	37	10	529	3.09	6	1
003157	1	32	11	60	.1	30	8	248	2.50	3	2
003158	1	22	11	50	.1	20	6	206	1.88	2	1
003159	1	30	9	41	.1	23	5	238	2.04	4	1
003160	1	31	12	76	.1	34	8	233	2.51	3	1
003161	1	19	7	52	.1	20	5	166	1.63	2	2
003162	1	25	9	45	.1	21	5	232	1.80	2	1
003163	1	21	8	53	.1	21	5	327	1.81	2	1
003164	1	20	9	54	.1	24	6	254	2.02	2	1
003165	1	14	11	67	.1	17	5	189	1.71	2	2
003166	1	17	7	80	.1	17	6	305	1.99	2	13
003167	1	17	7	36	.1	19	5	205	1.72	2	1
003168	1	24	8	53	.1	25	6	207	2.01	2	1
003169	1	19	4	52	.1	20	5	240	1.75	2	1
003170	1	25	8	56	.1	26	6	243	2.03	4	1
003171	1	27	5	47	.1	30	8	223	2.16	3	5
003172	1	35	7	87	.1	32	8	271	2.54	3	4
003173	1	42	10	54	.1	30	9	370	2.59	5	1
003175	1	46	7	82	.1	31	10	357	2.74	5	1
STD C/AU-S	19	62	39	131	7.2	71	29	942	3.99	38	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003176	2	86	14	144	.3	36	17	1797	3.62	8	6
003177	1	23	13	183	.2	22	8	262	2.56	2	1
003178	1	34	11	68	.1	31	8	268	2.46	4	5
003187	1	49	11	82	.1	29	8	281	2.62	4	1
003188	1	32	14	101	.1	23	7	228	2.18	2	2
003189	1	20	11	86	.1	15	4	167	1.77	2	1
003190	1	32	13	70	.1	29	7	290	2.10	2	3
003191	1	33	6	71	.1	31	9	216	2.52	5	1
003192	1	35	13	62	.1	35	8	262	2.54	4	2
003193	1	31	9	64	.1	38	8	252	2.42	3	7
003194	1	20	9	107	.1	26	7	369	1.99	2	4
003515	1	13	7	69	.1	15	4	164	1.76	2	1
003516	1	29	9	64	.1	27	8	244	2.99	3	6
003517	1	19	13	75	.2	19	5	229	2.08	2	3
003518	1	16	12	74	.1	15	6	275	1.85	2	2
003519	1	22	13	102	.2	19	7	307	2.30	2	9
003520	1	27	6	65	.1	24	7	298	2.59	2	2
003521	1	33	6	72	.1	26	9	639	2.75	4	1
003522	1	26	6	69	.1	20	6	282	2.57	2	4
003523	1	16	10	94	.3	23	6	183	2.51	4	2
003524	2	48	15	139	.6	27	11	849	3.20	2	2
003525	1	35	13	100	.1	30	10	337	3.35	4	3
003526	2	83	17	139	.6	55	15	759	4.13	7	4
003527	2	54	15	89	.3	40	12	633	3.40	5	3
003528	1	35	10	86	.1	28	9	480	2.82	4	2
003529	1	28	9	114	.1	26	10	490	2.83	5	2
003530	2	60	14	142	.5	34	15	1237	3.30	6	1
003531	2	298	9	190	1.5	92	18	1184	5.66	12	1
003532	1	51	12	89	.1	36	13	657	3.31	6	2
003533	2	48	11	109	.6	25	9	531	3.56	6	1
003534	1	25	15	189	.4	21	11	1048	2.89	2	2
003535	1	30	15	108	.1	24	9	332	3.35	5	3
003536	1	28	10	144	.1	22	11	469	3.78	4	1
003537	1	35	9	119	.1	23	10	533	3.52	3	3
003538	1	67	11	97	.5	45	12	453	3.82	9	2
STD C/AU-8	19	60	43	132	7.1	69	28	927	3.87	36	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003539	2	100	8	195	.5	36	15	1090	4.97	6	1
003540	1	359	13	188	1.0	34	19	2950	4.08	4	2
003541	2	105	11	153	.9	38	15	663	4.74	7	1
003542	1	91	10	99	.7	36	12	565	4.17	8	5
003549	1	32	9	149	.3	26	11	1042	3.50	5	1
003550	1	50	7	117	.4	30	13	1008	3.17	3	2
003551	2	103	7	164	1.5	74	16	1184	4.09	3	2
003552	1	32	6	108	.3	26	9	475	2.60	3	4
003553	1	41	9	240	.5	23	11	448	3.67	5	6
003554	1	30	9	128	.1	27	8	432	3.54	4	1
003555	2	22	13	139	.1	21	8	307	3.34	4	1
003556	1	38	9	89	.1	28	9	361	3.02	5	1
003557	5	65	6	191	1.1	44	23	3446	4.21	9	1
003558	1	25	6	77	.2	23	7	325	2.82	3	1
003559	1	23	9	117	.2	23	8	447	2.91	4	1
003560	1	24	8	152	.2	22	8	255	3.62	3	1
003561	1	40	7	101	.1	30	10	555	3.09	4	2
003562	1	29	9	85	.1	22	10	406	2.64	3	2
003563	2	76	7	172	.6	50	14	1073	3.85	2	1
003564	1	44	3	113	.1	32	9	390	2.91	4	1
003565	1	27	7	107	.3	23	9	375	2.84	5	4
003566	1	35	2	111	.2	25	9	438	2.75	4	1
003567	3	128	5	188	1.2	69	16	1237	5.04	6	1
003568	2	33	10	173	.3	18	12	1124	3.68	3	2
003569	1	44	5	123	1.0	32	11	565	4.06	8	1
003570	1	37	7	73	.4	27	8	370	2.87	3	1
003571	2	54	10	140	.2	35	12	520	3.45	5	1
003572	1	42	4	127	.3	30	13	738	3.64	7	2
003573	2	29	7	201	.4	18	9	496	3.79	3	1
003574	2	81	9	174	.8	45	12	359	3.77	5	1
003575	1	31	5	111	.2	32	11	737	3.42	7	3
003576	1	48	4	100	1.2	42	11	349	3.47	7	6
003577	1	13	2	123	.2	11	6	1004	1.69	2	1
003578	2	39	12	250	.2	25	16	1161	4.23	8	1
003579	1	25	12	80	.3	27	9	315	3.00	6	1
003580	1	21	6	85	.1	26	9	388	2.61	4	1
003581	1	20	7	92	.2	20	8	933	2.22	2	1
STD C/AU-S	18	61	37	131	7.4	70	29	951	3.92	37	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003582	1	29	11	144	.1	29	10	585	3.17	2	1
003583	1	17	8	102	.1	14	7	242	2.29	2	1
003584	1	20	12	79	.3	16	7	287	2.68	3	1
003585	1	26	12	137	.2	19	11	688	3.51	2	2
003691	1	33	9	151	.3	22	10	871	3.53	2	1
003692	2	70	9	105	.5	27	12	1723	2.89	2	1
003693	1	57	9	75	.2	35	13	642	3.07	5	2
003694	1	47	8	87	.1	30	10	557	2.72	3	1
003695	1	57	8	116	.2	42	13	722	3.35	3	1
003696	1	29	11	136	.1	28	10	444	2.73	2	1
003697	1	41	6	123	.2	34	11	530	3.29	4	1
003698	1	34	8	72	.4	20	7	541	2.63	3	2
003699	1	28	7	132	.1	23	10	576	3.14	4	1
003700	2	64	13	111	.3	24	9	367	3.83	7	2
003701	3	74	8	135	.1	35	16	602	3.73	5	1
003702	2	74	9	106	.5	33	12	534	3.50	5	1
003703	1	68	13	127	.4	41	13	687	3.70	6	1
003704	1	46	8	105	.2	33	11	529	3.36	6	3
003705	1	40	11	143	.3	23	14	1166	3.33	4	1
003706	2	41	11	137	.2	23	14	1117	3.34	5	2
003707	1	27	7	169	.1	20	12	990	3.24	3	1
003708	1	37	13	137	.1	24	13	739	3.44	3	1
003709	1	56	14	106	.1	32	15	835	3.23	5	1
STD C/AU-S	18	60	37	129	7.2	70	29	944	3.87	37	54
003718	1	23	9	89	.1	18	6	302	2.47	2	1
003719	1	26	6	65	.1	20	6	230	2.92	3	1
003720	1	32	8	98	.1	26	9	401	3.11	5	2
003721	1	23	7	90	.2	21	6	226	2.56	3	1
003722	1	25	12	82	.1	20	8	407	2.49	3	1
003723	1	26	10	91	.1	20	8	368	2.38	2	2
003724	1	27	4	57	.1	25	7	342	2.48	2	1
003725	1	31	9	69	.1	26	7	309	2.65	2	1
003726	1	36	3	70	.5	25	7	266	2.62	2	6
003727	1	36	7	97	.1	30	8	479	2.93	2	1
003728	1	25	9	84	.2	22	7	333	2.55	4	1
003729	1	47	6	103	.4	37	9	495	3.17	2	1
003738	1	32	7	84	.2	31	9	465	2.96	3	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003739	1	33	3	58	.1	28	9	435	2.81	9	1
003740	1	27	13	72	.2	27	7	442	2.65	9	7
003741	1	29	5	80	.1	30	8	450	2.76	7	1
003742	1	22	4	94	.2	25	7	356	2.37	8	2
003743	1	30	2	112	.3	30	8	440	2.63	8	1
003744	1	44	10	116	.5	38	10	530	3.55	12	6
003745	1	27	4	84	.1	23	7	355	2.28	7	2
003746	1	32	6	82	.6	22	5	215	2.18	5	7
003747	1	40	2	95	.4	32	9	513	2.82	10	2
003748	1	36	2	107	.6	30	8	441	2.98	7	2
003749	1	33	2	71	.4	27	8	379	2.71	11	3
003750	1	54	4	144	.8	40	12	860	3.47	11	2
003751	1	34	6	62	.1	29	8	345	2.81	10	2
003752	1	59	2	147	.7	46	11	661	3.72	11	5
003753	1	64	9	73	.5	31	8	372	2.87	10	2
003754	1	28	2	121	.2	24	8	302	3.78	12	2
003755	1	28	2	125	.3	24	9	579	2.82	9	74
003756	3	43	2	94	.1	26	12	718	3.15	10	1
003757	1	75	6	128	.7	42	12	735	3.85	14	3
003758	1	95	7	95	1.1	41	9	465	3.15	10	2
003759	1	56	11	64	.6	31	10	585	2.94	7	3
003760	3	69	2	144	.6	41	12	724	3.80	15	3
003761	1	51	12	113	.5	35	10	555	3.25	11	2
003774	1	59	14	186	.4	23	9	448	3.86	9	6
003775	2	62	11	121	.4	30	11	568	3.96	11	8
003776	1	29	7	148	.4	21	10	1239	3.22	9	2
STD C/AU-S	19	60	41	130	7.4	70	28	1024	3.97	42	48
003777	1	53	7	116	.4	29	11	949	3.74	15	2
003778	1	55	2	75	.5	40	12	449	3.34	16	4
003779	1	44	5	103	.4	37	12	476	3.73	10	1
003780	1	27	6	147	.4	25	10	457	3.56	10	2
003781	2	27	2	157	.5	32	10	455	3.77	10	2
003782	1	20	2	169	.4	26	12	469	3.26	8	2
003783	1	71	3	85	.8	38	13	637	3.85	9	1
003784	1	31	7	107	.6	27	8	297	3.58	12	2
003785	1	24	8	155	.7	23	10	573	3.57	10	1
003786	1	27	12	91	.4	24	8	411	3.02	9	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003787	1	15	8	54	.3	11	3	176	1.97	3	11
003788	1	41	12	99	.6	29	10	411	4.25	5	6
003789	1	68	10	110	.6	33	12	696	3.47	6	2
003790	1	133	2	120	1.1	62	11	332	3.05	3	5
003791	3	122	20	120	1.0	55	14	1324	4.03	5	1
003792	3	46	19	111	1.0	39	14	1123	3.81	13	1
003793	1	26	8	80	.4	27	7	384	2.80	6	1
003794	1	35	8	74	.5	33	9	347	3.54	6	1
003795	1	32	10	57	.3	36	10	338	3.18	7	1
003796	1	45	10	70	.3	39	11	442	3.34	7	1
003797	1	45	13	90	.4	36	11	507	3.57	8	4
003798	1	41	16	117	.3	41	10	539	3.84	5	1
003799	1	63	12	119	.7	50	13	847	4.10	8	1
003850	1	24	13	80	.2	24	6	266	2.24	5	3
003851	1	28	7	85	.2	29	7	267	2.69	3	3
003852	1	15	6	79	.1	17	5	264	1.77	2	1
003853	1	21	11	69	.1	23	6	287	2.42	4	7
003854	1	27	13	85	.5	28	8	324	2.71	6	1
003855	1	41	8	117	.7	35	10	554	3.09	3	31
003856	1	32	2	141	.5	30	11	753	3.17	7	2
003857	2	51	14	149	.7	41	10	827	3.33	6	1
003858	3	71	10	153	.9	51	11	588	4.13	12	1
003859	1	22	10	136	.3	24	8	291	3.12	4	1
003860	1	34	11	123	.5	28	11	420	4.80	9	2
003861	2	45	12	178	.4	36	12	525	5.29	6	1
003871	1	18	19	107	.3	14	8	781	2.35	6	1
003872	1	27	12	104	.5	25	7	290	3.10	5	1
003873	2	31	8	86	.8	30	8	325	3.49	6	1
003874	1	23	10	105	.2	20	7	350	2.77	4	1
003875	3	30	12	81	.2	25	8	303	3.14	8	2
003876	1	28	10	115	.4	27	8	279	3.07	8	1
003877	1	89	14	163	.9	56	14	922	4.45	7	7
003878	3	35	17	99	.4	26	11	804	3.21	11	1
003879	1	39	17	121	.6	35	11	481	3.77	11	1
003880	2	28	20	163	.5	28	11	986	3.11	5	41
003890	1	17	18	114	.4	23	7	283	2.55	3	1
STD C/AU-S	19	59	41	134	7.3	72	29	1029	4.13	40	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003891	2	25	11	104	.2	20	12	1191	2.74	6	2
003892	1	24	7	110	.1	21	11	850	2.98	7	1
003894	1	57	16	223	.1	24	21	1616	4.43	10	1
003895	1	60	12	113	.5	33	15	1289	3.57	9	2
003896	1	35	13	146	.1	25	12	921	3.04	4	1
003897	1	81	10	180	.4	39	13	1021	3.52	5	1
003900	1	43	9	128	.1	23	12	583	3.76	9	1
003902	1	24	13	139	.2	18	12	961	3.17	3	1
003903	1	25	13	157	.4	17	7	454	2.99	2	1
003904	1	195	18	178	1.3	50	18	1601	4.64	9	2
003905	1	180	13	145	1.2	56	16	1308	4.11	7	1
003906	2	158	15	146	1.2	40	16	942	3.66	7	1
003907	1	298	20	195	1.9	93	19	1299	6.59	15	3
003908	1	60	14	115	.2	33	10	534	3.30	7	1
003909	1	37	15	161	.1	25	11	445	3.40	7	1
003910	1	41	14	139	.1	27	9	393	2.98	3	7
003911	1	24	9	109	.1	22	7	350	2.68	5	2
003912	2	45	7	74	.1	31	10	342	3.18	6	4
003913	1	41	14	94	.1	34	10	541	3.26	9	2
003914	1	25	10	81	.5	23	7	288	2.77	7	1
STD C/AU-S	20	63	41	139	7.5	70	30	1058	4.10	41	48
003915	1	38	11	87	.1	24	10	419	2.79	3	4
003916	1	27	8	95	.1	22	7	310	2.90	6	3
003917	1	32	10	99	.1	23	8	441	2.56	3	1
003918	2	114	11	163	.8	62	14	825	4.99	8	2
003919	1	44	18	90	.2	29	9	420	3.24	6	3
003920	1	26	13	67	.4	15	6	391	1.87	2	17
003921	1	31	8	87	.3	16	6	323	2.12	6	7
003922	1	28	13	84	.3	23	8	379	2.56	4	6
003923	1	47	15	134	.2	29	11	576	3.20	4	4
003924	1	61	17	127	.2	37	16	1066	4.20	8	3
003925	1	85	14	180	.6	46	12	652	3.71	7	2
003926	1	39	13	103	.3	30	9	392	2.85	5	2
003927	1	38	10	108	.2	28	9	464	2.77	2	3
003928	1	37	7	99	.3	28	9	470	2.67	2	5
003939	1	18	13	78	.4	17	5	227	1.98	2	3
003940	1	40	12	81	.2	26	10	512	3.34	6	6

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
003941	1	40	2	76	.6	31	9	334	3.62	8	1
003942	2	30	7	132	.2	24	10	874	3.41	4	2
003943	1	34	8	98	.1	27	9	675	3.38	6	1
003944	1	38	12	91	.1	30	11	560	3.31	6	1
003945	1	77	9	118	.5	39	14	1083	3.64	6	6
003946	1	70	10	97	.2	49	14	1129	3.73	4	1
003947	1	23	10	144	.2	26	9	476	3.52	5	1
003948	3	18	9	231	.3	25	11	973	2.92	2	1
003950	1	29	2	87	.1	22	7	406	2.61	4	1
003951	1	29	2	99	.3	21	7	302	2.51	3	1
003952	2	30	6	128	.6	24	8	305	4.36	6	1
003953	1	44	7	86	.3	28	9	340	3.78	5	1
003954	1	38	5	133	.1	31	10	333	3.82	5	1
003955	1	29	10	122	.4	23	8	251	3.44	6	2
003956	1	64	2	114	.3	47	15	417	4.03	4	1
003957	1	28	7	114	.3	23	9	407	3.67	6	1
003958	1	29	7	122	.4	23	7	233	3.51	2	1
003959	1	62	5	96	.3	34	10	419	4.12	5	1
003960	1	44	11	110	.1	30	11	370	3.54	5	4
003961	1	45	5	140	.4	35	12	371	3.83	7	1
003962	2	47	13	116	.5	27	9	369	4.47	9	1
003983	2	31	13	172	.4	25	13	972	3.74	5	1
003984	1	16	11	128	.1	23	8	334	3.12	3	1
003985	1	33	10	103	.2	23	8	515	3.24	2	1
003986	1	32	6	109	.3	23	9	398	4.01	7	1
003987	1	54	11	101	.1	28	10	524	3.18	4	4
003988	1	31	2	63	.2	24	7	268	3.25	6	1
003989	1	21	9	85	.5	16	7	336	3.33	5	1
003990	1	23	3	243	.2	24	11	440	4.12	5	1
003991	1	35	7	147	.6	26	11	679	3.63	7	2
STD C/AU-S	18	62	38	131	7.4	71	29	972	4.10	39	49

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO₃-H₂O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 1 1987

DATE REPORT MAILED: *Sept 13/87*ASSAYER: *D. J. Toy*...DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5449	1	21	4	57	.1	23	7	214	2.58	12	2
5450	1	23	3	105	.2	23	8	562	2.78	11	18
5451	1	33	5	81	.2	31	7	343	2.38	9	2
5452	1	22	3	60	.1	23	6	295	2.05	7	2
5453	1	32	8	67	.2	29	8	409	2.47	10	1
5454	1	26	8	67	.1	25	7	402	2.09	8	1
5455	1	18	2	62	.2	19	5	235	1.85	7	3
5456	1	29	5	74	.1	28	8	299	2.70	10	16
5457	1	19	9	76	.1	21	6	298	2.21	7	1
5458	1	19	4	116	.1	27	7	233	2.61	10	2
5459	1	21	5	47	.1	20	5	202	1.89	8	1
5460	1	29	5	67	.1	34	9	275	2.63	11	3
5461	1	18	7	60	.1	19	5	279	2.14	8	2
5462	1	36	5	95	.1	32	11	369	3.04	11	1
5463	1	21	2	84	.2	27	7	376	2.17	6	2
5464	1	20	6	72	.1	25	6	263	2.04	7	1
5465	1	20	4	78	.1	25	7	292	2.09	6	3
5466	1	21	3	76	.3	26	6	336	2.32	8	2
5467	1	52	4	91	.5	41	9	518	3.24	11	3
5468	1	18	6	80	.2	22	5	263	1.82	6	1
5469	1	17	4	54	.1	22	5	221	1.72	7	2
5470	1	18	7	70	.1	20	7	365	1.92	7	1
5471	1	21	2	66	.1	23	6	261	2.00	7	2
5472	1	18	7	39	.2	19	5	177	1.68	5	4
5473	1	15	2	75	.2	21	7	210	2.14	8	2
5474	1	24	7	92	.3	26	7	231	2.35	9	1
5475	1	32	4	80	.2	35	7	409	2.72	11	2
5476	1	18	5	80	.2	25	6	258	2.06	6	1
5477	1	22	4	55	.1	25	6	288	2.12	8	1
5478	1	12	5	56	.3	14	4	258	1.50	5	2
5479	1	38	9	80	.4	36	7	304	2.49	10	1
5480	1	28	5	46	.1	26	8	262	2.30	10	3
5481	1	23	7	72	.1	24	6	245	2.15	9	1
5482	1	45	6	54	.3	30	6	301	2.65	11	2
5483	1	21	2	68	.1	25	6	212	2.08	8	1
5484	1	16	5	55	.1	21	5	239	1.74	7	1
STD. C/AU-S	17	57	38	129	7.2	65	26	1003	3.85	39	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5485	1	76	2	91	.7	53	10	717	3.08	11	2
5486	1	48	4	74	.2	38	9	531	2.75	9	1
5487	1	16	7	112	.2	24	6	214	2.19	8	2
5488	1	13	2	47	.1	16	4	137	1.58	7	2
5489	1	7	2	46	.1	9	2	125	1.00	5	1
5490	1	18	2	98	.1	24	6	393	1.92	7	2
5491	1	18	2	93	.1	25	6	240	2.20	10	1
5492	1	22	2	78	.2	22	6	235	2.25	10	3
5493	1	26	7	87	.1	26	9	273	3.11	16	1
5494	1	33	7	57	.3	30	8	295	2.74	11	2
5495	1	21	2	52	.1	21	6	375	2.08	10	1
5496	1	15	2	64	.2	19	5	252	1.83	9	3
5497	1	15	3	90	.1	19	7	557	2.01	7	2
5498	1	27	4	49	.1	21	6	255	1.98	10	4
5499	1	17	2	97	.1	24	7	265	2.08	8	1
5700	1	39	2	113	.4	30	8	464	2.36	10	4
5701	1	14	2	77	.2	15	4	224	1.59	6	1
5702	1	19	2	66	.1	22	5	273	2.04	6	2
5703	1	20	2	65	.1	25	6	251	2.27	9	1
5704	1	16	3	116	.1	19	6	283	2.04	9	2
5705	1	12	5	90	.1	17	6	703	1.85	7	1
5706	1	21	2	80	.1	25	6	317	2.00	9	2
5707	1	22	2	101	.1	27	7	490	2.14	8	1
5708	1	20	3	60	.1	23	5	252	1.96	8	2
5709	1	20	2	88	.1	26	6	285	2.12	7	1
5710	1	17	6	104	.1	22	7	348	1.88	9	2
5711	1	15	2	81	.2	17	5	190	1.82	10	2
5712	1	18	6	95	.1	21	6	213	2.01	9	2
5713	1	23	5	79	.1	29	7	373	2.33	10	1
5714	1	14	3	69	.1	18	5	187	2.09	9	2
5715	1	23	6	46	.1	27	6	312	2.21	10	3
5716	1	21	4	53	.1	27	6	318	2.14	9	2
5717	1	18	5	56	.1	25	6	284	2.00	9	1
5718	1	22	3	74	.1	25	8	330	2.21	10	2
5719	1	31	2	63	.2	28	8	299	2.72	14	1
5720	1	21	7	62	.2	23	6	265	2.28	8	2
510 C/AU-S	18	58	40	132	6.9	67	27	1027	3.88	40	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5721	1	16	2	64	.1	18	5	236	1.81	4	1
5722	1	22	3	74	.2	23	6	251	1.91	7	1
5723	1	25	3	52	.1	25	6	269	2.17	6	2
5724	1	25	2	66	.1	27	6	322	2.25	6	1
5725	1	18	3	76	.1	20	6	253	1.86	5	1
5726	1	14	2	66	.1	19	7	444	2.25	6	1
5727	1	14	2	62	.1	16	6	199	2.11	7	1
5728	1	24	6	94	.2	26	7	516	2.22	6	2
5729	1	57	4	94	.5	41	9	650	3.01	10	2
5730	1	20	4	75	.1	25	6	270	2.28	7	1
5731	1	19	2	74	.1	24	6	378	2.12	6	1
5732	1	15	2	103	.1	18	6	555	2.01	7	1
5733	1	19	2	98	.2	23	6	225	2.34	4	1
5734	1	15	3	89	.1	17	5	251	1.92	6	1
5735	1	25	3	64	.1	24	7	396	1.98	6	1
5736	1	36	8	133	.3	37	9	560	2.93	7	1
5737	1	74	4	156	.5	51	10	753	3.40	9	1
5738	1	24	4	36	.1	18	3	206	1.04	6	1
5739	1	98	3	133	1.0	60	10	690	3.52	11	2
5740	1	33	6	71	.1	31	7	370	2.42	8	1
5741	1	21	2	83	.1	25	7	417	2.09	7	1
5742	1	48	3	72	.3	38	8	391	2.61	10	1
5743	1	18	8	70	.1	19	5	463	1.90	7	2
5744	1	27	6	68	.1	36	10	288	2.42	10	1
5745	1	14	4	68	.2	18	5	234	1.63	6	1
5746	1	19	3	71	.1	28	7	226	2.15	6	1
5747	1	19	3	83	.2	29	7	285	2.32	7	2
5748	1	23	6	72	.4	31	8	520	2.56	8	1
5749	1	30	3	78	.1	32	7	371	2.44	8	1
5750	1	20	3	60	.2	24	6	248	1.96	4	1
5751	1	20	4	76	.2	24	6	289	2.05	6	1
5752	1	17	7	76	.1	22	6	336	1.89	5	2
5753	1	21	5	83	.2	29	8	471	2.34	8	2
5754	1	20	2	62	.1	27	7	344	2.15	5	1
5755	1	23	6	62	.1	28	5	268	2.16	7	2
5756	1	16	3	74	.1	26	6	333	2.01	7	1
STD C/AU-S	19	59	38	134	7.5	68	27	1051	3.98	42	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5757	1	12	7	67	.1	15	5	179	1.58	5	1
5758	1	14	4	74	.1	20	6	261	1.80	6	1
5759	1	19	4	66	.1	22	6	220	1.81	7	1
5760	1	17	4	84	.1	25	6	213	1.90	7	2
5761	1	36	4	120	.3	36	9	641	2.88	8	1
5762	1	16	6	70	.1	21	5	292	1.83	5	1
5763	1	11	2	65	.1	17	4	177	1.68	6	1
5764	1	16	8	61	.1	24	6	241	1.96	7	1
5765	1	23	3	116	.1	32	11	586	2.57	9	1
5766	1	21	4	73	.3	30	7	278	2.14	7	3
5767	1	58	7	156	.4	64	10	311	3.84	14	1
5768	1	17	6	61	.1	25	6	274	2.02	9	1
5769	1	18	8	96	.2	27	8	552	1.99	7	1
5770	1	17	8	76	.1	24	6	200	1.88	8	1
5771	1	15	3	64	.1	21	5	233	1.67	8	1
5772	1	19	3	92	.1	27	9	714	2.24	6	1
5773	1	15	5	52	.1	21	5	208	1.62	6	1
5774	1	16	2	65	.1	21	5	212	1.79	6	1
5775	1	20	2	92	.1	25	7	415	2.24	7	1
5776	1	20	11	60	.1	24	7	324	2.15	10	1
5777	1	15	6	68	.1	20	6	319	1.77	8	2
5778	1	15	5	105	.1	18	9	439	2.01	7	1
5779	1	16	3	62	.1	24	5	242	1.79	6	2
5780	1	21	2	104	.1	24	6	319	1.83	7	1
5781	1	39	7	96	.1	38	8	480	2.81	11	1
5782	1	23	6	69	.1	28	6	362	2.15	8	3
5783	1	35	5	96	.3	39	8	452	2.71	8	1
5784	1	16	2	85	.1	23	6	354	1.92	6	3
5785	1	17	4	57	.1	20	5	228	1.83	7	1
5786	1	14	9	59	.1	18	5	168	1.44	7	1
5787	1	25	7	125	.1	30	11	472	3.03	9	3
5788	1	94	12	129	.8	76	11	668	4.25	14	1
5789	2	99	10	150	1.1	80	17	1255	6.36	8	2
5790	1	67	11	190	.7	84	17	1402	5.31	7	1
5791	1	30	4	126	.1	42	10	399	3.05	12	1
5792	1	31	9	114	.1	37	8	277	3.13	11	1
STD C/AU-S	19	57	42	129	7.4	66	27	1013	3.79	41	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5793	1	25	6	48	.1	29	8	241	2.43	8	4
5819	1	27	7	75	.3	28	7	283	2.41	10	1
5820	1	22	5	64	.1	28	7	307	2.34	10	1
5821	1	21	6	82	.1	26	7	253	2.26	8	1
5822	1	16	5	54	.1	18	4	200	1.62	6	12
5823	1	21	2	51	.3	24	6	257	2.07	8	1
5824	1	27	4	45	.1	24	6	284	2.17	7	1
5825	1	21	2	69	.2	21	6	241	1.89	8	1
5826	1	24	2	78	.3	25	7	316	2.27	9	4
5827	1	17	2	46	.1	21	6	314	1.98	7	1
5828	1	47	3	64	.3	33	8	351	2.75	14	3
5829	1	22	6	48	.1	24	6	264	1.99	9	1
5830	1	24	3	55	.1	25	5	281	2.02	7	2
5831	1	18	3	49	.1	20	5	234	1.82	7	1
5832	1	22	2	63	.2	28	7	315	2.35	11	1
5833	1	26	3	68	.1	27	7	333	2.34	7	4
5834	1	22	2	60	.1	27	6	257	2.19	9	1
5835	1	18	5	49	.1	21	5	259	1.84	7	2
5836	1	27	2	64	.1	27	6	342	2.32	8	1
5837	1	17	2	60	.1	23	6	279	1.90	7	2
5838	1	33	4	67	.3	30	6	323	2.44	10	3
5839	1	30	2	77	.1	28	6	241	2.55	11	2
5840	1	22	6	67	.2	33	8	237	2.11	9	1
5841	1	18	2	67	.2	22	6	243	1.88	7	1
5842	1	21	6	60	.1	25	6	255	1.96	6	1
5843	1	24	4	61	.2	24	5	245	1.94	8	5
5844	1	20	2	84	.1	25	6	327	2.03	7	2
5845	1	23	5	59	.1	24	5	246	1.99	8	1
5846	1	15	4	65	.1	17	4	208	1.58	5	1
5847	1	23	5	77	.2	26	7	237	2.28	8	4
5848	1	26	2	60	.1	24	7	330	2.24	9	1
5849	1	23	3	65	.1	23	6	231	2.14	10	1
5850	1	22	4	72	.3	21	6	285	1.96	7	96
5851	1	22	2	79	.1	27	6	256	2.26	10	4
5852	1	19	3	67	.1	21	6	241	1.89	7	2
5853	1	18	3	66	.1	21	5	264	1.86	8	6
STD C/AU-S	18	60	37	132	7.0	67	27	1029	3.89	41	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5854	1	25	3	51	.1	26	7	382	2.00	9	2
5855	1	18	6	60	.1	21	5	255	1.73	6	1
5856	1	21	2	81	.1	26	6	333	2.05	8	1
5857	1	30	7	64	.2	29	6	325	2.23	11	4
5858	1	23	4	66	.1	30	7	341	2.25	10	3
5859	1	25	5	54	.1	26	6	285	2.17	9	3
5860	1	24	3	53	.2	24	6	291	1.98	9	5
5861	1	21	6	54	.1	26	6	290	2.04	8	2
5862	1	25	7	89	.1	30	8	374	2.26	11	2
5863	1	22	6	84	.1	26	6	312	2.07	10	2
5864	1	39	7	67	.2	32	8	300	2.55	7	3
5865	1	21	2	57	.3	20	6	215	1.92	8	1
5866	1	15	2	61	.2	19	5	303	1.72	7	1
5867	1	20	5	48	.1	24	6	299	1.96	10	1
5868	1	15	2	47	.1	20	5	242	1.74	8	1
5869	1	33	3	80	.2	29	8	453	2.62	11	2
5870	1	36	16	99	.4	31	9	540	2.80	17	1
5871	1	33	2	98	.4	32	8	285	2.82	12	1
5872	1	56	4	129	.3	55	10	366	3.17	16	1
5873	1	29	3	149	.5	32	7	272	3.04	16	5
5874	1	36	14	168	.5	28	9	734	3.01	31	13
5875	1	26	4	131	.2	26	8	395	2.72	11	1
5876	1	27	8	74	.6	18	5	268	1.81	9	1
5877	1	20	4	156	.4	17	5	238	2.16	9	1
5878	1	19	8	75	.3	15	4	221	1.62	8	1
5879	2	29	7	88	.3	22	7	467	2.50	12	1
5880	1	25	5	96	.5	21	5	288	2.27	10	1
5881	3	29	9	154	.7	17	7	326	2.60	14	4
5882	4	61	8	123	.5	31	7	482	2.92	20	3
STD C/AU-S	19	60	38	131	7.2	68	28	1052	3.92	41	48
5883	4	40	12	158	.3	15	4	245	2.14	11	22
5884	2	44	11	161	1.8	28	9	298	2.69	14	26
5885	2	28	5	173	.9	13	7	448	1.87	9	38
5886	2	32	4	138	.5	13	6	361	2.06	9	35
5887	3	72	4	157	.4	28	9	453	3.17	20	56
5888	2	40	6	135	.8	19	6	273	2.37	13	46
5889	1	41	6	192	.5	26	8	446	3.16	11	7

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU# PPB
5890	1	32	10	100	.1	21	6	397	2.31	8	17
5891	1	28	6	61	.3	17	5	252	1.83	6	24
5892	1	35	10	78	.3	20	6	274	2.13	9	18
5893	1	82	10	126	.2	25	13	782	3.46	9	78
5894	1	96	9	128	.2	29	16	504	4.89	19	60
5895	1	75	9	83	.1	30	13	443	3.91	12	16
5896	1	107	9	122	.8	37	15	576	3.73	10	15
5897	1	52	9	184	.1	27	17	403	5.09	10	38
5898	2	46	15	124	.1	27	13	713	3.54	13	17
5899	1	25	11	130	.1	20	12	405	3.30	8	2
5900	1	26	10	68	.1	29	8	418	2.32	8	1
5901	1	18	7	115	.1	22	7	277	1.97	9	2
5902	1	25	9	93	.1	29	8	456	2.38	9	2
5903	1	32	9	62	.2	31	8	412	2.58	10	1
5904	1	89	12	101	.5	54	11	624	4.22	16	2
5905	1	51	10	104	.5	42	13	1089	3.10	9	1
5906	2	43	8	141	.2	37	8	448	2.42	12	2
5907	1	22	7	71	.1	26	7	374	2.26	9	1
5908	1	21	9	81	.1	29	7	326	2.21	8	1
5909	1	22	5	72	.1	27	6	256	2.07	9	2
5910	1	32	6	145	.1	37	8	800	2.71	10	1
5911	1	25	9	55	.1	25	7	303	2.18	9	2
5912	1	28	9	65	.1	30	9	294	2.78	12	1
5913	1	22	5	66	.1	31	9	367	2.58	9	1
5914	1	31	6	66	.1	30	10	430	2.75	11	2
5915	1	68	11	67	.1	40	12	444	3.64	16	1
5916	1	26	7	69	.1	30	8	550	2.49	8	2
5917	1	22	10	83	.1	34	7	308	2.33	8	1
5918	1	37	5	94	.2	39	9	525	3.04	10	2
5919	1	21	5	77	.1	28	8	325	2.21	10	1
5920	1	19	7	96	.3	24	6	235	2.21	7	1
5921	1	21	9	82	.1	27	7	334	2.22	9	2
5922	1	41	4	149	.5	52	11	701	3.66	11	1
5923	1	13	6	76	.1	15	5	257	1.46	7	2
5924	1	23	6	90	.1	28	7	324	2.27	9	1
5925	1	16	2	91	.1	21	6	290	1.96	7	2
STD C/AU-S	19	60	38	131	7.2	67	27	1024	3.89	40	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
5926	1	13	2	79	.1	17	5	293	1.59	7	1
5927	1	14	2	57	.3	14	5	294	1.57	6	1
5928	1	22	2	72	.1	23	6	264	2.14	9	2
5929	1	34	2	76	.3	28	7	336	2.03	9	2
5930	1	20	2	69	.1	22	6	341	2.03	7	2
5931	1	27	3	90	.1	30	8	325	2.59	12	1
5932	1	15	2	60	.1	20	5	227	1.95	7	1
5982	1	17	4	66	.3	27	6	259	2.04	9	2
5983	1	9	2	60	.3	13	4	227	1.27	7	3
5984	1	13	4	66	.1	21	6	245	1.80	7	2
5985	1	20	5	67	.2	29	7	296	2.22	9	1
5986	1	13	4	74	.3	19	5	242	1.61	8	1
5987	1	15	2	58	.1	25	6	177	1.98	9	1
5988	1	14	2	61	.2	19	5	192	1.73	7	1
5989	1	10	2	47	.1	14	4	172	1.43	6	1
5990	1	31	6	69	.2	30	6	322	2.48	9	3
5991	1	19	6	66	.1	28	6	258	2.28	10	1
5992	1	12	3	63	.1	17	4	193	1.49	7	1
5993	1	22	8	89	.1	34	8	303	2.17	9	5
5994	1	16	2	57	.1	24	5	243	1.76	10	2
5995	1	13	4	52	.1	22	4	166	1.37	6	1
5996	1	17	2	78	.1	26	6	284	1.95	8	1
5997	1	18	2	70	.1	24	6	276	1.92	9	1
5998	1	13	4	62	.1	19	5	313	1.70	5	1
5999	1	15	6	70	.1	22	6	225	1.70	7	1
6000	1	19	5	56	.1	24	7	325	2.03	10	4
6001	1	20	4	55	.2	26	6	281	1.98	9	1
6002	1	18	2	60	.1	22	7	340	1.92	8	1
6003	1	16	4	57	.1	20	6	238	1.73	7	1
6004	1	15	4	48	.1	18	5	211	1.66	8	1
6005	1	14	2	49	.1	18	5	194	1.58	8	1
6006	1	14	2	47	.1	17	5	197	1.51	7	4
6007	1	16	2	53	.1	23	5	255	1.81	7	3
6008	1	13	2	58	.1	16	4	230	1.54	8	1
6009	1	24	7	99	.1	28	7	241	2.49	11	1
6010	1	18	5	79	.1	21	6	221	1.93	9	1
SID L/AU-S	18	59	41	128	7.2	66	27	1014	3.83	42	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AUX PPM
6011	1	26	3	79	.1	30	8	295	2.30	8	1
6012	1	31	12	99	.3	30	8	433	2.50	11	1
6013	1	25	7	79	.1	28	7	303	2.20	6	1
6014	1	67	7	137	.6	42	9	486	2.66	11	3
6015	1	53	10	99	.4	41	9	439	2.75	11	1
6016	1	20	2	123	.1	26	8	392	2.09	8	1
6017	1	20	4	111	.2	27	7	439	2.08	7	2
6018	1	14	2	78	.1	18	5	181	1.72	8	4
6019	1	16	6	87	.1	20	6	239	2.09	8	1
6020	1	20	7	90	.1	26	8	339	2.36	9	2
6021	1	23	4	81	.1	26	7	417	2.28	8	1
6022	1	17	5	149	.3	20	7	676	2.40	10	2
6023	1	21	3	127	.6	23	7	226	2.90	9	1
6024	1	41	8	104	.8	33	5	451	2.40	9	4
6025	2	31	4	126	.1	28	7	310	2.86	11	1
6026	2	44	3	252	.7	40	9	391	2.95	14	1
6027	5	43	6	136	1.0	26	7	1543	2.42	17	1
6028	2	46	6	150	.2	27	7	288	2.54	10	12
6029	1	23	2	129	.1	15	5	289	1.75	8	23
6030	2	51	4	90	.1	23	6	427	2.31	9	56
6031	2	81	6	121	.4	32	8	551	2.49	13	15
6032	1	54	2	90	.1	25	8	358	2.52	11	50
6033	1	37	7	88	.1	26	7	529	2.37	8	9
6034	1	16	8	68	.1	15	5	270	1.63	8	6
6035	1	12	3	78	.1	12	4	191	1.47	4	1
6036	1	30	5	98	.3	21	10	567	2.38	8	1
6037	1	64	3	81	.2	26	9	463	3.07	11	2
6038	1	32	6	148	.1	15	11	846	2.70	7	1
6039	1	52	5	143	.1	22	11	475	3.30	9	1
6040	1	23	7	122	.1	16	10	413	3.16	8	1
6041	1	63	12	119	.1	28	13	1298	3.26	11	3
6042	1	51	2	138	.3	31	17	1000	4.12	11	2
6043	1	100	3	98	.5	39	25	876	5.28	13	1
6044	1	101	4	103	.3	38	23	1173	5.20	12	2
6045	1	64	14	99	.5	25	12	927	3.55	23	1
6046	1	337	5	114	.7	63	19	1083	5.24	15	8
STD C/AU-S	18	62	38	133	6.9	69	28	1058	3.93	41	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6047	1	191	3	111	.9	52	18	1315	5.27	12	5
6048	1	94	5	123	.5	39	15	1552	3.53	10	3
6049	1	45	2	136	.1	33	13	528	3.83	12	130
6050	1	83	7	89	.3	39	13	760	3.67	10	5
6051	1	72	6	98	.5	34	12	514	3.46	8	2
6052	1	92	5	92	.3	40	12	852	3.58	10	4
6053	1	42	2	109	.2	31	13	640	3.30	10	1
6054	2	185	9	160	1.5	89	20	1183	6.92	5	2
6055	1	46	9	103	.1	36	12	435	3.55	9	12
6056	1	21	6	65	.1	16	5	159	1.65	4	1
6057	1	51	8	134	.2	29	11	664	3.61	10	1
6058	1	46	6	124	.2	35	14	742	3.69	8	7
6059	1	62	21	152	.3	38	13	834	3.75	10	2
6060	1	133	8	130	1.2	62	23	1103	5.52	7	3
6061	1	80	5	99	.4	43	12	546	3.53	8	5
6062	1	32	2	107	.2	26	9	345	2.85	5	8
6063	1	27	7	79	.1	24	9	408	3.22	6	7
6064	1	15	3	69	.1	14	5	189	2.04	4	1350
6065	1	16	6	84	.1	15	6	300	2.56	5	4
6066	1	23	2	71	.2	21	7	336	2.41	5	2
6067	1	31	9	75	.2	26	9	558	3.10	8	34
6068	1	40	4	106	.3	30	10	483	3.04	7	4
6069	1	31	2	72	.1	25	7	339	2.45	6	5
6070	1	34	7	104	.1	26	9	522	2.68	8	3
6071	1	40	3	100	.1	33	8	406	3.06	10	1
6072	1	28	3	92	.1	25	8	399	2.54	7	4
6073	1	23	5	72	.1	28	7	265	2.56	7	2
6074	1	25	3	74	.1	32	7	378	2.49	6	1
6075	1	25	5	81	.1	31	8	412	2.45	6	1
6076	1	31	9	98	.1	33	9	510	2.76	8	2
6077	1	21	2	102	.1	31	8	263	2.37	6	2
6078	1	19	8	57	.1	27	5	259	2.00	6	1
6079	1	43	9	71	.1	38	7	258	2.87	7	2
6080	1	14	2	63	.2	21	6	244	1.83	5	1
6081	1	14	7	65	.1	25	6	238	1.79	5	2
6082	1	14	2	73	.1	22	6	261	1.78	6	1
STD C/AU-S	18	62	37	132	7.1	68	28	1048	3.99	41	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6083	1	16	4	91	.1	24	8	516	1.97	8	1
6084	1	11	3	55	.2	17	4	166	1.50	7	1
6085	1	15	4	76	.1	25	5	176	1.67	6	1
6086	1	18	4	87	.3	27	6	221	2.22	12	1
STD C/AU-S	18	61	38	133	7.1	70	28	1033	3.96	40	48
6087	1	17	2	107	.1	24	6	174	1.90	9	1
6088	1	18	7	52	.1	19	5	210	1.79	6	1
6089	1	8	2	40	.3	10	3	95	1.08	4	1
6090	1	12	3	57	.1	16	5	233	1.41	5	1
6091	1	24	31	79	.1	27	6	397	2.30	19	1
6092	1	17	4	81	.1	23	7	315	1.93	7	3
6093	1	13	2	54	.1	15	4	189	1.59	7	1
6094	2	49	72	126	.6	39	12	741	4.04	48	1
6095	1	19	7	121	.2	29	9	374	2.49	9	5
6096	1	18	5	85	.1	25	7	399	2.05	7	1
6097	1	26	14	86	.2	27	10	654	2.42	17	1
6098	1	30	3	49	.1	27	6	281	2.40	11	1
6099	1	16	2	59	.1	23	6	253	1.87	8	1
6100	1	37	4	96	.3	24	14	675	3.63	11	3
6101	1	51	2	66	.1	33	12	348	3.58	12	1
6102	1	33	3	69	.1	22	10	371	3.44	10	1
6103	1	50	4	66	.3	24	11	405	3.46	10	14
6104	1	83	2	162	.4	39	17	1194	4.45	11	1
6105	1	31	3	100	.1	20	12	623	2.65	7	6
6106	1	22	3	78	.1	22	10	364	3.06	7	1
6107	1	28	8	65	.1	18	9	478	2.24	7	1
6108	1	25	3	156	.1	24	10	356	2.93	10	1
6109	1	34	6	104	.1	30	12	520	3.20	12	1
6110	1	25	2	92	.3	20	9	252	3.37	11	1
6111	1	28	6	69	.1	23	9	350	2.52	8	1
6112	1	40	4	64	.2	30	10	495	2.66	11	1
6113	1	27	2	85	.1	25	8	250	2.72	10	1
6114	1	31	6	115	.2	25	9	445	2.68	9	1
6115	1	31	3	81	.1	27	6	356	2.63	9	1
6116	1	25	2	81	.1	21	8	322	2.30	8	3
6117	1	44	19	79	.1	24	10	356	3.25	16	17
6118	1	65	5	94	.1	35	11	399	3.86	13	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6119	1	33	3	75	.1	28	6	381	2.65	8	2
6120	1	54	6	110	.1	36	12	1015	3.41	10	1
6121	1	37	6	71	.1	26	7	401	2.81	9	1
STD C/AU-S	18	61	37	137	7.1	71	28	1076	4.06	42	48
6122	1	32	2	62	.1	29	6	259	2.36	10	1
6123	1	32	3	69	.1	27	7	301	2.56	9	1
6124	1	36	2	91	.1	31	8	427	2.66	10	1
6125	1	27	6	73	.1	23	6	283	2.56	10	1
6126	1	48	8	87	.1	34	9	351	3.52	13	1
6127	1	26	6	120	.3	23	6	363	2.16	11	1
6128	1	36	5	109	.2	28	7	508	2.51	11	1
6129	1	25	2	95	.4	21	8	546	2.30	10	1
6130	1	27	4	121	.1	24	7	704	2.27	9	1
6131	1	34	7	106	.3	31	6	278	2.53	12	2
6132	1	26	6	123	.2	23	6	361	2.45	12	2
6133	2	26	9	164	1.8	25	7	265	3.19	12	1
6134	4	24	10	80	1.6	13	4	254	2.53	10	1
6135	3	26	7	166	.4	17	6	323	2.77	10	1
6136	7	35	7	279	.8	26	10	540	3.16	17	1
6137	5	37	4	123	.2	24	6	839	2.67	14	3
6138	6	67	12	163	.4	34	7	409	3.47	24	26
6139	4	50	2	155	.4	26	8	892	2.95	15	12
6140	2	83	4	80	.1	24	9	399	3.30	14	24
6141	1	30	3	74	.3	19	7	448	1.85	11	10
6142	2	30	5	99	.3	17	5	246	2.40	12	11
6143	2	39	2	75	.1	20	6	264	2.28	9	13
6144	1	43	2	88	.1	29	7	358	2.92	12	2
6145	1	28	2	73	.1	23	6	263	2.38	11	14
6146	1	15	3	98	.1	15	5	305	1.84	8	6
6147	1	51	4	118	.3	34	10	448	3.14	13	3
6148	1	84	2	177	.9	22	11	396	5.08	19	1
6149	2	92	8	212	.4	16	14	1064	4.46	13	3
6150	2	83	8	81	.3	45	17	511	5.26	16	15
6151	1	33	5	87	.1	20	11	484	3.42	8	3
6152	1	41	2	99	.2	28	12	528	3.87	12	6
6153	1	34	2	125	.1	24	13	444	3.49	10	5
6154	1	74	2	95	.3	33	15	658	3.88	13	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU# PPB
6155	1	69	5	97	.1	32	14	581	4.25	14	1
6156	1	149	9	121	.7	53	16	539	4.89	10	8
6157	1	35	4	93	.1	32	14	527	3.76	10	3
6158	1	57	7	117	.3	33	14	1215	3.32	13	1
6159	1	34	2	77	.4	29	11	540	3.39	13	1
6160	1	36	6	148	.1	35	12	417	3.60	14	1
6161	1	38	5	77	.1	29	11	475	3.00	11	11
6162	1	30	6	82	.1	24	9	390	2.98	12	13
6163	1	56	4	96	.2	54	12	451	3.77	13	1
6164	1	32	2	110	.1	35	9	348	3.36	11	1
6165	1	21	6	105	.1	22	7	404	2.17	8	1
6166	1	23	3	114	.1	29	10	862	2.53	11	6
6167	1	19	10	201	.1	17	8	382	2.79	9	1
6168	2	47	57	151	.3	33	14	717	3.96	36	3
6169	1	30	2	125	.1	34	9	310	2.75	11	3
6170	1	41	9	113	.1	44	10	467	3.23	11	4
6171	1	24	5	76	.1	29	7	386	2.14	8	1
6172	1	17	2	71	.1	23	6	285	1.75	7	1
6173	1	28	7	69	.1	30	8	324	2.39	9	1
6174	1	21	8	70	.1	29	6	269	2.06	8	1
6175	1	28	11	69	.1	32	9	396	2.63	10	1
6176	1	23	3	48	.1	25	6	261	1.96	7	1
6177	1	20	4	54	.1	27	6	231	2.01	9	1
6178	1	22	4	52	.1	24	6	235	2.02	9	1
6179	1	20	4	91	.1	25	7	275	1.97	9	1
6180	1	25	10	90	.1	33	10	544	2.42	10	1
6181	1	15	2	53	.1	20	6	355	1.65	8	1
6182	1	17	2	54	.1	22	5	226	1.73	8	2
6183	1	25	4	75	.1	31	7	435	2.39	11	1
6184	1	14	4	120	.1	23	7	209	2.08	7	1
6185	1	29	6	60	.3	39	9	277	2.85	14	1
6187	1	28	4	95	.1	22	7	639	2.32	10	1
6188	1	40	5	97	.1	36	9	322	3.59	12	1
6189	2	45	35	111	.3	30	11	725	3.39	23	1
6190	1	15	2	74	.1	13	5	780	1.73	8	1
6191	1	35	4	101	.1	26	8	574	2.91	11	1
STD C/AU-S	19	61	37	130	6.9	67	28	1031	3.80	42	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6192	1	33	4	70	.1	26	7	358	2.77	8	1
6193	1	35	4	98	.1	29	8	400	3.05	10	2
6194	1	40	4	109	.3	34	10	452	3.61	9	1
6195	1	34	7	87	.1	25	7	330	3.68	11	1
6196	1	22	3	99	.3	19	7	435	2.98	7	1
6197	1	17	4	65	.3	12	5	234	2.73	6	1
6198	1	36	2	106	.1	29	8	317	4.03	10	1
6199	1	38	3	76	.1	39	10	320	3.08	10	2
6200	1	10	8	57	.1	14	4	171	1.32	4	3
6201	1	26	3	68	.2	30	6	282	2.25	8	1
6202	1	19	2	40	.1	23	6	276	1.85	7	1
6203	1	32	4	77	.1	34	9	347	2.70	9	1
6204	1	44	10	92	.2	42	8	381	2.80	7	2
6205	2	94	8	130	.8	86	14	749	5.43	13	1
6206	1	17	3	63	.2	20	5	223	1.76	5	8
6207	1	16	2	69	.1	22	6	249	2.01	8	1
6208	1	12	4	75	.1	19	5	244	1.74	4	1
6209	1	18	7	63	.1	26	7	352	2.22	7	1
6210	1	8	2	52	.1	14	5	202	1.53	5	1
6211	1	16	4	68	.1	26	5	166	1.85	7	1
6212	1	14	2	115	.1	27	8	310	2.17	7	4
6213	1	16	3	106	.3	23	6	216	2.54	7	1
6214	1	31	3	86	.2	38	9	421	2.73	9	1
6215	1	15	3	64	.1	24	5	167	1.49	4	1
6216	1	9	3	39	.1	17	4	121	1.16	4	1
6217	1	14	2	36	.1	21	5	175	1.63	6	2
6218	1	22	2	48	.1	23	6	208	2.06	6	2
6219	1	14	5	54	.1	20	5	185	1.92	7	1
6220	1	13	5	82	.1	19	5	219	1.98	7	1
6221	1	29	2	91	.1	26	8	475	2.40	8	1
6222	1	15	3	97	.1	14	7	844	1.80	6	1
6223	1	19	3	162	.1	19	8	940	2.34	7	1
6224	1	34	4	111	.2	30	10	364	3.51	11	1
6225	1	23	2	129	.1	21	8	525	2.54	7	1
6226	1	40	8	149	.1	28	10	697	3.07	9	2
6227	1	34	4	185	.2	27	11	846	3.52	10	1
STD C/AU-S	18	60	36	131	7.1	68	28	1041	3.96	41	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6228	1	34	8	112	.3	22	10	1017	3.32	15	1
6229	1	39	6	126	.2	33	11	499	3.72	18	7
6230	1	40	5	114	.1	36	11	461	4.03	17	63
6231	1	30	2	168	.1	23	10	582	3.34	12	4
6232	1	25	2	98	.2	27	7	308	2.69	13	1
6233	1	37	4	76	.1	32	8	372	2.93	12	3
6234	1	21	5	194	.3	34	10	385	2.83	10	3
6235	1	26	7	68	.2	23	6	331	1.89	7	2
6236	1	37	11	84	.1	30	9	592	3.10	13	2
6237	1	30	5	62	.1	28	8	408	2.57	9	3
6238	1	30	5	66	.1	34	7	296	2.94	15	12
6239	1	42	6	100	.1	38	10	376	3.40	13	2
6240	1	32	5	65	.1	29	7	324	2.69	11	5
6241	1	30	2	91	.1	37	8	317	2.99	14	6
6242	1	27	8	77	.1	25	7	475	2.53	11	1
6243	1	18	5	65	.1	19	6	313	2.04	8	1
6244	1	21	2	90	.2	20	6	287	2.13	9	1
6245	1	35	4	111	.1	32	6	431	2.87	11	1
6246	1	25	2	68	.1	21	6	280	2.06	9	95
6247	1	24	5	87	.1	21	6	419	2.35	8	1
6248	1	25	2	72	.1	26	6	350	2.28	7	1
6249	1	21	4	80	.1	21	5	325	1.78	7	1
6250	1	42	5	76	.3	40	8	843	2.71	12	1
6251	1	35	4	82	.1	29	8	359	3.02	13	1
6252	1	34	3	70	.1	32	8	505	2.83	12	1
6253	1	34	7	68	.1	34	8	429	2.76	13	1
6254	2	54	5	101	.5	50	10	650	3.60	16	1
6255	1	40	7	72	.1	33	9	574	2.82	11	1
6256	1	52	5	74	.1	34	10	684	3.26	14	3
6257	1	47	7	73	.2	33	9	503	3.09	13	2
6258	1	58	8	65	.1	36	12	429	3.14	15	2
6259	2	22	9	114	.1	21	11	796	3.24	12	123
6260	1	19	9	85	.1	20	7	251	2.83	11	1
6300	1	14	3	90	.1	22	6	247	1.88	8	2
6301	1	13	2	69	.1	21	5	246	1.85	7	2
6302	1	14	3	55	.1	21	5	203	1.63	6	1
STD C/AU-S	17	58	38	131	6.8	67	27	1024	3.91	41	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6303	1	9	2	46	.1	14	4	217	1.45	5	1
6304	1	12	2	57	.1	14	7	341	1.56	7	1
6305	1	12	2	51	.1	17	5	188	1.59	4	1
6306	1	33	36	88	.2	20	9	503	2.78	20	1
6307	1	14	4	52	.1	20	5	235	1.65	8	1
6308	1	23	13	89	.1	27	7	384	2.18	12	10
6309	1	19	5	90	.1	24	9	422	2.02	9	16
6310	1	19	5	43	.1	20	5	234	1.65	8	1
6311	1	14	2	71	.1	20	6	322	1.67	6	1
6312	1	12	5	76	.1	16	5	262	1.44	6	1
6313	1	11	2	62	.1	14	6	197	1.57	6	5
6314	1	28	4	122	.1	33	9	241	3.16	8	12
6315	1	43	3	106	.1	36	12	1602	3.10	11	1
6316	1	12	7	72	.2	9	3	153	1.55	7	3
6317	1	30	4	95	.1	23	8	495	3.01	12	1
6318	1	36	4	90	.1	27	10	1028	2.95	11	1
6319	1	21	2	78	.1	18	6	298	2.27	7	1
6320	1	41	2	68	.1	32	8	351	3.02	12	1
6321	1	16	2	76	.1	14	5	239	1.92	7	1
6322	1	14	2	64	.1	13	5	301	1.61	6	1
6323	1	23	3	75	.2	21	6	384	2.65	9	7
6324	1	15	3	70	.2	14	5	230	1.75	6	1
6325	2	67	6	202	.9	50	12	814	3.24	14	3
6326	1	39	2	108	.3	26	7	358	3.24	11	1
6327	1	13	2	69	.2	10	4	284	1.46	6	1
6328	1	34	5	96	.1	27	6	297	2.47	10	1
6329	1	51	7	114	.1	32	6	276	2.11	10	1
6330	1	54	5	51	.3	28	4	143	1.81	6	0
6331	1	26	10	72	.1	23	7	391	2.38	15	2
6332	1	16	3	55	.2	11	3	197	1.43	8	1
6333	1	28	7	81	.1	23	8	675	2.54	9	1
6334	1	14	2	64	.1	16	5	364	1.94	9	1
6335	1	44	2	85	.1	34	7	362	3.02	13	1
6336	2	28	5	84	.3	17	4	223	2.01	10	1
6337	3	27	7	161	.2	18	5	212	2.70	11	1
6338	2	22	2	100	.1	15	4	351	1.98	9	1
STD C/AU-S	17	62	40	132	7.1	69	28	1049	3.97	44	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6339	2	32	8	98	.6	22	6	317	2.32	12	9
6340	2	23	8	135	.4	19	6	289	2.62	10	1
6341	2	19	7	95	.2	14	7	394	2.05	10	1
6342	5	32	8	90	.4	21	6	762	2.38	12	1
6343	2	45	12	100	.3	30	9	758	2.59	12	1
6344	1	28	17	102	.4	22	7	548	2.27	13	1
6345	1	33	12	106	.2	21	9	529	3.35	15	2
6346	1	24	3	118	.1	21	11	869	2.91	11	1
6347	1	24	10	78	.2	17	9	773	2.35	11	2
6348	1	57	11	79	.2	31	10	751	2.96	14	5
6349	1	23	5	61	.2	14	5	487	1.79	9	4
6350	2	85	12	126	.5	45	15	1063	4.54	20	5
6351	2	40	14	87	.4	22	11	869	2.69	11	1
6352	1	37	9	78	.2	27	7	442	2.61	10	3
6353	1	27	4	70	.1	17	7	203	2.91	11	4
6354	1	55	8	76	.1	23	13	606	3.51	12	2
6355	1	15	9	76	.1	18	5	158	2.07	8	1
6356	1	31	19	86	.1	28	8	514	2.57	14	2
6357	1	26	14	110	.2	31	11	675	2.80	12	1
6358	1	28	6	100	.1	32	8	503	2.61	13	2
6359	1	43	7	93	.3	35	14	1337	3.43	14	1
6360	1	22	6	83	.1	27	7	350	2.06	12	1
6361	1	18	3	98	.3	27	8	730	2.07	10	1
6362	1	26	4	98	.1	28	8	327	2.63	11	2
6363	1	21	6	90	.2	26	6	249	2.28	9	1
6364	1	20	3	91	.1	24	6	268	2.05	9	2
6365	1	23	3	59	.2	25	5	214	1.99	8	1
6366	1	19	5	82	.1	25	9	563	2.27	9	1
6367	1	13	8	48	.1	18	5	212	1.68	7	1
6368	1	11	9	68	.1	17	5	194	1.61	7	1
6369	1	11	7	55	.1	14	4	204	1.42	7	1
6370	1	14	6	53	.2	19	5	188	1.71	10	1
6371	1	17	3	65	.1	22	6	395	1.87	7	1
6372	1	18	4	82	.1	23	6	231	1.91	10	1
6373	1	17	8	70	.1	22	5	229	1.79	8	1
6374	1	52	16	72	.1	26	10	437	2.94	18	4
STD C/AU-S	19	57	37	129	7.4	65	26	1005	3.76	41	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6375	1	24	3	63	.1	17	6	213	2.04	8	8
6376	1	60	2	78	.2	24	10	392	3.61	10	8
6377	2	37	2	101	.1	21	10	319	3.22	10	1
6378	1	36	10	136	.1	23	12	891	3.33	12	1
6379	1	17	3	150	.2	14	9	388	4.10	10	4
6380	1	14	4	155	.1	12	7	943	3.35	7	1
6381	1	16	5	52	.2	9	6	292	2.79	6	1
6382	1	31	6	93	.2	22	6	296	2.45	7	1
6383	1	30	2	114	.1	23	8	445	2.57	7	1
6384	1	32	4	154	.2	21	9	1339	2.53	8	1
6385	1	13	6	54	.1	10	4	215	1.57	5	1
6386	1	40	6	139	.2	28	9	457	4.40	11	1
6387	1	24	5	111	.2	17	6	302	2.58	8	1
6388	1	36	4	115	.2	34	10	372	3.83	9	1
6389	1	58	3	100	.1	40	10	590	3.60	11	1
6390	1	27	6	187	.3	23	8	387	3.88	8	1
6391	1	45	3	69	.1	31	8	385	2.83	9	1
6392	1	26	2	156	.4	20	10	656	4.09	9	1
6393	1	24	3	126	.2	18	8	575	3.04	8	22
6394	1	25	7	153	.3	20	7	656	2.27	5	1
6395	1	23	3	96	.2	20	6	408	2.29	8	1
6396	1	21	8	106	.3	20	7	443	2.79	6	1
6397	1	32	8	59	.1	20	6	257	2.76	8	1
6398	1	18	4	70	.3	14	5	236	2.32	7	1
STD C/AU-S	19	58	38	136	6.9	66	27	1067	4.03	41	52
6399	1	25	6	97	.3	18	7	1461	2.72	7	1
6400	1	23	2	75	.1	18	5	226	2.05	5	1
6401	1	39	4	90	.1	35	9	331	3.11	12	1
6402	1	37	5	100	.1	27	8	718	2.74	10	1
6403	1	36	6	80	.3	30	7	300	2.49	9	1
6404	1	45	9	116	.3	36	8	418	2.66	10	1
6405	1	50	5	111	.4	30	7	343	2.40	10	1
6406	1	35	9	134	.1	31	9	655	2.76	9	1
6407	1	31	3	102	.1	24	7	446	2.38	9	1
6408	1	36	24	113	.2	28	9	516	2.97	15	1
6409	1	42	2	84	.2	31	9	632	2.86	9	1
6410	1	25	3	84	.1	21	6	321	2.11	7	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
6411	1	19	2	83	.3	16	4	196	1.81	5	1
6412	1	14	4	82	.2	11	4	276	1.56	4	3
6413	1	27	8	124	.1	20	6	333	1.92	6	1
6414	2	94	7	88	.8	48	9	526	3.22	11	1
6415	1	58	6	100	.4	42	11	528	3.28	10	1
6416	1	47	5	78	.2	34	9	384	3.34	10	1
6417	1	12	8	50	.1	9	3	187	1.53	4	1
6418	1	15	8	73	.4	12	4	230	1.78	6	5
6419	2	27	10	100	.3	19	5	321	2.01	7	1
STD C/AU-S	18	61	39	129	7.1	68	28	1019	4.03	38	48
6420	1	161	9	225	1.2	72	12	738	4.00	11	3
6421	1	20	5	140	.4	15	7	243	2.35	6	1
6422	2	24	7	225	.5	15	9	401	3.32	10	1
6423	1	21	2	138	.4	14	6	275	2.55	6	1
6424	1	21	4	235	.4	12	8	559	2.78	7	1
6425	1	40	14	159	.2	26	10	592	3.44	15	1
6426	1	28	8	147	.2	15	7	512	3.87	10	4
6427	1	36	10	251	.2	20	11	1033	4.46	11	4
6428	1	37	7	67	.2	23	8	416	2.30	10	1
6429	1	29	5	67	.1	24	6	265	2.21	8	1
6430	1	25	5	57	.1	25	5	237	2.18	5	1
6431	1	17	9	96	.1	20	6	254	1.99	6	1
6432	1	23	2	85	.1	22	6	238	2.17	7	1
6433	1	41	2	111	.3	30	9	416	2.76	7	3
6434	1	43	2	82	.1	23	10	478	2.81	9	4
6435	1	24	2	65	.1	17	7	287	2.01	6	1
6700	1	71	7	171	.8	55	11	649	3.94	9	3
6701	1	22	4	44	.1	18	4	155	1.96	8	1
6702	1	37	4	66	.2	31	8	287	2.73	8	1
6703	1	28	5	102	.2	26	8	340	2.70	8	1
6704	1	27	8	76	.3	30	9	332	2.51	10	1
6705	1	23	2	64	.1	20	6	259	1.90	7	1
6706	1	35	2	64	.3	27	6	282	2.29	7	1
6707	1	23	5	66	.1	21	6	272	2.12	7	1
6708	1	31	21	129	.4	23	10	584	3.51	14	1
6709	1	32	2	94	.3	25	9	424	3.02	10	1
6710	1	24	4	126	.7	18	11	1052	3.20	10	1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AU*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
6711	1	33	2	104	.1	30	11	841	3.08	13	2
6712	1	23	5	116	.1	27	9	489	2.98	13	1
6713	1	23	8	163	.1	22	8	290	3.71	13	1
6714	5	264	13	269	2.3	159	19	1280	6.22	5	2
6715	4	156	9	310	1.3	86	16	1012	6.88	14	2
6716	2	47	10	207	.5	23	9	537	4.81	19	1
6717	1	42	13	321	1.1	26	13	1183	4.68	17	1
6718	1	33	4	229	.4	20	10	403	3.15	13	2
6719	1	37	4	183	.6	24	8	341	4.08	13	1
6720	1	35	9	191	.4	20	9	401	3.64	13	2
6721	1	24	2	137	.6	13	7	671	2.92	12	3
6722	1	17	5	177	.7	10	8	304	2.75	9	1
6723	1	26	5	225	.5	15	9	407	3.75	14	2
6724	1	46	4	90	.1	34	9	353	2.84	15	1
6725	1	28	7	262	.7	19	11	613	3.65	13	1
6726	1	34	2	120	.3	29	8	286	3.44	14	1
6727	1	28	3	85	.1	25	7	367	2.39	11	1
6728	1	56	7	92	.1	31	9	479	2.67	12	2
6729	1	19	4	74	.1	16	6	251	2.19	9	1
6730	1	40	2	124	.2	36	9	362	3.52	11	1
6731	1	44	4	87	.4	36	10	481	3.19	14	2
STD C/AU-S	18	61	35	131	7.2	67	27	1031	3.84	43	51